

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022024\
 Data File : VN081105.D
 Acq On : 20 Feb 2024 17:52
 Operator : JC\MD
 Sample : P1524-10MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20240768-AMENDE-Comp-39N-N-3-03MSD

Quant Time: Feb 21 00:23:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/21/2024
 Supervised By : Mahesh Dadoda 02/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	346965	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	640556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	578464	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	270264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	194383	45.707	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.420%		
35) Dibromofluoromethane	8.212	113	313	0.086	ug/l	0.05
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.180%#		
50) Toluene-d8	10.571	98	550258	42.772	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	85.540%#		
62) 4-Bromofluorobenzene	12.853	95	218644	45.230	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.460%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	232260	51.762	ug/l	97
3) Chloromethane	2.359	50	231979	47.315	ug/l	99
4) Vinyl Chloride	2.512	62	253437	50.849	ug/l	93
5) Bromomethane	2.948	94	92435	26.111	ug/l	98
6) Chloroethane	3.118	64	167371	51.972	ug/l	100
7) Trichlorofluoromethane	3.495	101	370508	50.885	ug/l	95
8) Diethyl Ether	3.959	74	146893	55.179	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.377	101	199538	49.158	ug/l	92
10) Methyl Iodide	4.583	142	126503	27.920	ug/l	99
11) Tert butyl alcohol	5.524	59	297473	380.346	ug/l	99
12) 1,1-Dichloroethene	4.342	96	297807	75.899	ug/l	90
13) Acrolein	4.177	56	2486m	5.930	ug/l	
14) Allyl chloride	5.024	41	119415	20.511	ug/l #	86
15) Acrylonitrile	5.712	53	484209	237.053	ug/l	98
16) Acetone	4.424	43	401444	239.899	ug/l	97
17) Carbon Disulfide	4.712	76	301871	27.583	ug/l	96
18) Methyl Acetate	5.030	43	943	0.231	ug/l #	64
19) Methyl tert-butyl Ether	5.795	73	751855	55.947	ug/l	95
20) Methylene Chloride	5.277	84	258588	59.918	ug/l	90
21) trans-1,2-Dichloroethene	5.789	96	220738	50.423	ug/l	91
22) Diisopropyl ether	6.671	45	695118	52.634	ug/l #	95
23) Vinyl Acetate	6.671	43	365823	34.141	ug/l #	78
24) 1,1-Dichloroethane	6.565	63	409286	53.598	ug/l	96
25) 2-Butanone	7.483	43	715927	264.824	ug/l	94
26) 2,2-Dichloropropane	7.494	77	342125	47.816	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	265137	52.129	ug/l	87
28) Bromochloromethane	7.818	49	178898	56.510	ug/l #	65
29) Tetrahydrofuran	7.836	42	516363	286.128	ug/l #	87
30) Chloroform	7.965	83	439692	54.163	ug/l	99
31) Cyclohexane	8.259	56	342552	46.649	ug/l #	81
32) 1,1,1-Trichloroethane	8.171	97	378888	51.248	ug/l	94
36) 1,1-Dichloropropene	8.371	75	302839	48.802	ug/l	95
37) Ethyl Acetate	7.483	43	715927	127.832	ug/l #	35
38) Carbon Tetrachloride	8.365	117	283113	45.094	ug/l	97
39) Methylcyclohexane	9.606	83	350662	48.475	ug/l	86
40) Benzene	8.606	78	959983	53.446	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022024\
 Data File : VN081105.D
 Acq On : 20 Feb 2024 17:52
 Operator : JC\MD
 Sample : P1524-10MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-03MSD

Quant Time: Feb 21 00:23:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/21/2024
 Supervised By :Mahesh Dadoda 02/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	180053	56.489	ug/l	95
42) 1,2-Dichloroethane	8.671	62	331647	52.923	ug/l	98
43) Isopropyl Acetate	8.688	43	24634	2.515	ug/l #	57
44) Trichloroethene	9.353	130	447428	93.525	ug/l	95
45) 1,2-Dichloropropane	9.624	63	242912	54.064	ug/l	98
46) Dibromomethane	9.712	93	176079	53.786	ug/l #	90
47) Bromodichloromethane	9.888	83	255511	41.210	ug/l #	95
48) Methyl methacrylate	9.618	41	276604	60.689	ug/l #	57
49) 1,4-Dioxane	9.694	88	104134	1251.655	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	1628112	288.951	ug/l	94
52) Toluene	10.635	92	609914	53.637	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	261067	37.890	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	149436	20.074	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	104700	23.939	ug/l	92
57) 1,3-Dichloropropane	11.165	76	418207	55.302	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	906532	270.302	ug/l #	88
59) 2-Hexanone	11.194	43	1200975	268.849	ug/l	94
60) Dibromochloromethane	11.359	129	206784	44.506	ug/l	98
61) 1,2-Dibromoethane	11.471	107	252243	54.846	ug/l	99
64) Tetrachloroethene	11.106	164	330974	83.833	ug/l	95
65) Chlorobenzene	11.894	112	644604	51.487	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	210367	46.782	ug/l	97
67) Ethyl Benzene	11.965	91	1141956	50.974	ug/l	98
68) m/p-Xylenes	12.071	106	877303	102.166	ug/l	96
69) o-Xylene	12.400	106	435186	51.126	ug/l	96
70) Styrene	12.412	104	734228	54.435	ug/l	96
71) Bromoform	12.582	173	144988	50.821	ug/l #	95
73) Isopropylbenzene	12.694	105	1108838	46.893	ug/l	97
74) N-amyl acetate	12.453	43	2127	0.213	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	13.000	83	8940	1.345	ug/l #	91
76) 1,2,3-Trichloropropane	12.994	75	285753m	46.535	ug/l	
77) Bromobenzene	12.982	156	257643	48.866	ug/l	71
78) n-propylbenzene	13.035	91	1305667	47.965	ug/l	96
79) 2-Chlorotoluene	13.129	91	786018	47.076	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	940397	49.050	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	8848m	3.709	ug/l	
82) 4-Chlorotoluene	13.223	91	787692	48.248	ug/l	94
83) tert-Butylbenzene	13.441	119	797763	48.122	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	957831	50.136	ug/l	96
85) sec-Butylbenzene	13.618	105	1148038	49.814	ug/l	93
86) p-Isopropyltoluene	13.729	119	943380	49.281	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	485335	48.718	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	482675	49.309	ug/l	96
89) n-Butylbenzene	14.059	91	825976	49.527	ug/l	97
90) Hexachloroethane	14.335	117	141220	44.630	ug/l	94
91) 1,2-Dichlorobenzene	14.112	146	471178	49.039	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	32641	23.611	ug/l	75
93) 1,2,4-Trichlorobenzene	15.394	180	276904	51.658	ug/l	98
94) Hexachlorobutadiene	15.500	225	93749	46.895	ug/l	98
95) Naphthalene	15.641	128	1040561	52.973	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	279812	52.620	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022024\
Data File : VN081105.D
Acq On : 20 Feb 2024 17:52
Operator : JC\MD
Sample : P1524-10MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

Quant Time: Feb 21 00:23:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022024\
Data File : VN081105.D
Acq On : 20 Feb 2024 17:52
Operator : JC\MD
Sample : P1524-10MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

Quant Time: Feb 21 00:23:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

