

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032724\
 Data File : VN081583.D
 Acq On : 27 Mar 2024 13:55
 Operator : JC\MD
 Sample : VN0327WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2024
 Supervised By : Mahesh Dadoda 03/28/2024

Quant Time: Mar 28 01:26:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	352832	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	618193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	555608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	262353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	242158	53.818	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.640%			
35) Dibromofluoromethane	8.165	113	208809	53.521	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.040%			
50) Toluene-d8	10.571	98	751822	53.309	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.620%			
62) 4-Bromofluorobenzene	12.847	95	271469	54.628	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 109.260%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	79749	16.786	ug/l	95
3) Chloromethane	2.365	50	81315	17.191	ug/l	92
4) Vinyl Chloride	2.518	62	96546	18.187	ug/l	89
5) Bromomethane	2.965	94	73099	19.471	ug/l	97
6) Chloroethane	3.124	64	70982	19.475	ug/l	100
7) Trichlorofluoromethane	3.501	101	148041	18.712	ug/l	97
8) Diethyl Ether	3.959	74	47418	18.110	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.377	101	84616	18.823	ug/l	91
10) Methyl Iodide	4.595	142	79432	17.743	ug/l	# 90
11) Tert butyl alcohol	5.512	59	74324	94.786	ug/l	# 83
12) 1,1-Dichloroethene	4.342	96	76405	18.349	ug/l	83
13) Acrolein	4.177	56	68986	98.045	ug/l	98
14) Allyl chloride	5.024	41	94897	18.187	ug/l	# 89
15) Acrylonitrile	5.724	53	194448	92.694	ug/l	98
16) Acetone	4.430	43	134832	92.723	ug/l	93
17) Carbon Disulfide	4.712	76	189047	15.821	ug/l	97
18) Methyl Acetate	5.024	43	90487	20.184	ug/l	# 86
19) Methyl tert-butyl Ether	5.789	73	253004	19.415	ug/l	# 90
20) Methylene Chloride	5.283	84	92410	19.400	ug/l	85
21) trans-1,2-Dichloroethene	5.783	96	83872	18.065	ug/l	88
22) Diisopropyl ether	6.665	45	240353	19.825	ug/l	# 88
23) Vinyl Acetate	6.606	43	896030	92.852	ug/l	# 88
24) 1,1-Dichloroethane	6.571	63	157094	19.346	ug/l	94
25) 2-Butanone	7.483	43	229893	92.173	ug/l	90
26) 2,2-Dichloropropane	7.489	77	139672	19.832	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	100908	19.209	ug/l	85
28) Bromochloromethane	7.812	49	69154	20.909	ug/l	# 56
29) Tetrahydrofuran	7.836	42	157475	93.722	ug/l	# 80
30) Chloroform	7.965	83	174438	20.067	ug/l	97
31) Cyclohexane	8.253	56	125915	17.197	ug/l	# 82
32) 1,1,1-Trichloroethane	8.171	97	153278	19.435	ug/l	# 92
36) 1,1-Dichloropropene	8.377	75	118515	18.051	ug/l	93
37) Ethyl Acetate	7.553	43	100397	17.857	ug/l	96
38) Carbon Tetrachloride	8.365	117	133045	18.498	ug/l	96
39) Methylcyclohexane	9.600	83	126101	17.198	ug/l	# 83
40) Benzene	8.606	78	368550	19.200	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032724\
 Data File : VN081583.D
 Acq On : 27 Mar 2024 13:55
 Operator : JC\MD
 Sample : VN0327WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2024
 Supervised By : Mahesh Dadoda 03/28/2024

Quant Time: Mar 28 01:26:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	52103	17.524	ug/l #	89
42) 1,2-Dichloroethane	8.671	62	126313	18.699	ug/l	98
43) Isopropyl Acetate	8.688	43	164277	17.628	ug/l #	91
44) Trichloroethene	9.353	130	101042	18.716	ug/l	99
45) 1,2-Dichloropropane	9.624	63	89759	19.295	ug/l	94
46) Dibromomethane	9.712	93	68972	19.523	ug/l #	88
47) Bromodichloromethane	9.888	83	135597	19.631	ug/l #	97
48) Methyl methacrylate	9.682	41	75731	17.618	ug/l #	83
49) 1,4-Dioxane	9.694	88	36411	352.484	ug/l #	69
51) 4-Methyl-2-Pentanone	10.447	43	522873	91.948	ug/l	91
52) Toluene	10.629	92	233681	19.154	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	141963	19.034	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	146953	18.377	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	98126	19.985	ug/l	92
56) Ethyl methacrylate	10.877	69	119484	17.863	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	157578	19.578	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	289976	93.860	ug/l #	84
59) 2-Hexanone	11.194	43	389111	92.550	ug/l	90
60) Dibromochloromethane	11.359	129	102917	19.060	ug/l	98
61) 1,2-Dibromoethane	11.471	107	95287	19.035	ug/l	96
64) Tetrachloroethene	11.106	164	100237	18.874	ug/l	92
65) Chlorobenzene	11.894	112	253626	19.310	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.959	131	96355	19.793	ug/l	95
67) Ethyl Benzene	11.965	91	430693	18.877	ug/l	98
68) m/p-Xylenes	12.071	106	334076	39.058	ug/l	94
69) o-Xylene	12.400	106	159025	18.938	ug/l	95
70) Styrene	12.412	104	266456	19.675	ug/l	96
71) Bromoform	12.582	173	66522	18.185	ug/l #	97
73) Isopropylbenzene	12.700	105	422922	18.911	ug/l	99
74) N-amyl acetate	12.494	43	140719	17.388	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	126919	19.303	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	114957m	18.318	ug/l	
77) Bromobenzene	12.982	156	102298	18.518	ug/l	72
78) n-propylbenzene	13.035	91	497633	18.843	ug/l	96
79) 2-Chlorotoluene	13.123	91	298996	18.916	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	352325	19.075	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	40654	17.506	ug/l #	83
82) 4-Chlorotoluene	13.223	91	294527	18.899	ug/l	91
83) tert-Butylbenzene	13.441	119	295476	18.551	ug/l	91
84) 1,2,4-Trimethylbenzene	13.482	105	352111	18.967	ug/l	93
85) sec-Butylbenzene	13.618	105	435974	19.147	ug/l	94
86) p-Isopropyltoluene	13.729	119	357124	19.187	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	191188	18.836	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	189894	18.068	ug/l	98
89) n-Butylbenzene	14.059	91	290055	17.574	ug/l	97
90) Hexachloroethane	14.335	117	67007	19.009	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	184342	18.870	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	24159	17.265	ug/l	78
93) 1,2,4-Trichlorobenzene	15.394	180	97403	17.244	ug/l	99
94) Hexachlorobutadiene	15.506	225	39003	15.737	ug/l	97
95) Naphthalene	15.641	128	306996	16.773	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	97164	17.101	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032724\
Data File : VN081583.D
Acq On : 27 Mar 2024 13:55
Operator : JC\MD
Sample : VN0327WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024

Quant Time: Mar 28 01:26:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

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

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

