

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
 Data File : VN081554.D
 Acq On : 25 Mar 2024 12:08
 Operator : JC\MD
 Sample : VN0325WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2024
 Supervised By : Mahesh Dadoda 03/26/2024

Quant Time: Mar 26 01:16:48 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	366438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	643308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	566136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	268692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	247696	53.005	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.020%			
35) Dibromofluoromethane	8.165	113	213290	52.535	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.080%			
50) Toluene-d8	10.565	98	756091	51.518	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.040%			
62) 4-Bromofluorobenzene	12.847	95	263700	50.993	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 101.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	83903	17.005	ug/l	91
3) Chloromethane	2.359	50	85351	17.374	ug/l	96
4) Vinyl Chloride	2.518	62	97055	17.604	ug/l	91
5) Bromomethane	2.965	94	71025	18.216	ug/l	93
6) Chloroethane	3.130	64	66174	17.481	ug/l	96
7) Trichlorofluoromethane	3.500	101	155948	18.979	ug/l	91
8) Diethyl Ether	3.959	74	55050	20.244	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.377	101	88523	18.961	ug/l #	89
10) Methyl Iodide	4.594	142	86728	18.654	ug/l	94
11) Tert butyl alcohol	5.518	59	74097	90.988	ug/l	98
12) 1,1-Dichloroethene	4.347	96	83667	19.347	ug/l #	78
13) Acrolein	4.177	56	89167	122.021	ug/l	99
14) Allyl chloride	5.024	41	101544	18.739	ug/l #	83
15) Acrylonitrile	5.718	53	200014	91.807	ug/l	99
16) Acetone	4.424	43	129419	85.696	ug/l	91
17) Carbon Disulfide	4.718	76	212635	17.134	ug/l	97
18) Methyl Acetate	5.018	43	94528	20.302	ug/l #	85
19) Methyl tert-butyl Ether	5.794	73	273276	20.192	ug/l	92
20) Methylene Chloride	5.277	84	94202	19.042	ug/l	88
21) trans-1,2-Dichloroethene	5.794	96	91936	19.067	ug/l #	79
22) Diisopropyl ether	6.671	45	262981	20.886	ug/l #	94
23) Vinyl Acetate	6.606	43	980011	97.784	ug/l #	91
24) 1,1-Dichloroethane	6.571	63	162559	19.276	ug/l	94
25) 2-Butanone	7.482	43	227369	87.776	ug/l #	85
26) 2,2-Dichloropropane	7.488	77	147327	20.142	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	109075	19.993	ug/l	84
28) Bromochloromethane	7.812	49	65226	18.989	ug/l #	55
29) Tetrahydrofuran	7.835	42	152637	87.470	ug/l #	78
30) Chloroform	7.959	83	178424	19.763	ug/l	99
31) Cyclohexane	8.253	56	140912	18.531	ug/l #	74
32) 1,1,1-Trichloroethane	8.171	97	158219	19.317	ug/l	88
36) 1,1-Dichloropropene	8.371	75	126650	18.537	ug/l	95
37) Ethyl Acetate	7.559	43	101059	17.273	ug/l	97
38) Carbon Tetrachloride	8.365	117	140389	18.757	ug/l	91
39) Methylcyclohexane	9.600	83	138127	18.103	ug/l	90
40) Benzene	8.606	78	380352	19.041	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
 Data File : VN081554.D
 Acq On : 25 Mar 2024 12:08
 Operator : JC\MD
 Sample : VN0325WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2024
 Supervised By : Mahesh Dadoda 03/26/2024

Quant Time: Mar 26 01:16:48 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	51985	16.802	ug/l #	88
42) 1,2-Dichloroethane	8.665	62	132888	18.904	ug/l	97
43) Isopropyl Acetate	8.688	43	173438	17.884	ug/l #	92
44) Trichloroethene	9.347	130	105603	18.797	ug/l	88
45) 1,2-Dichloropropane	9.624	63	93401	19.294	ug/l	96
46) Dibromomethane	9.706	93	71131	19.348	ug/l #	87
47) Bromodichloromethane	9.888	83	139099	19.352	ug/l #	94
48) Methyl methacrylate	9.682	41	75533	16.886	ug/l #	80
49) 1,4-Dioxane	9.700	88	34298	319.066	ug/l #	67
51) 4-Methyl-2-Pentanone	10.447	43	510133	86.206	ug/l	92
52) Toluene	10.629	92	241095	18.990	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	147208	18.966	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	155533	18.690	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	97156	19.015	ug/l #	90
56) Ethyl methacrylate	10.876	69	127371	18.269	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	160532	19.166	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	344928	107.289	ug/l #	86
59) 2-Hexanone	11.194	43	366618	83.796	ug/l	91
60) Dibromochloromethane	11.359	129	103886	18.488	ug/l	100
61) 1,2-Dibromoethane	11.470	107	97785	18.772	ug/l	99
64) Tetrachloroethene	11.100	164	109124	20.165	ug/l	90
65) Chlorobenzene	11.888	112	256942	19.198	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	94794	19.111	ug/l	97
67) Ethyl Benzene	11.965	91	444534	19.121	ug/l	94
68) m/p-Xylenes	12.070	106	350570	40.225	ug/l	92
69) o-Xylene	12.400	106	165743	19.371	ug/l	96
70) Styrene	12.412	104	269119	19.502	ug/l	95
71) Bromoform	12.582	173	66144	17.745	ug/l #	96
73) Isopropylbenzene	12.694	105	435609	19.019	ug/l	97
74) N-amyl acetate	12.494	43	144563	17.441	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.935	83	118046	17.530	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	110187m	17.144	ug/l	
77) Bromobenzene	12.976	156	103633	18.317	ug/l	70
78) n-propylbenzene	13.035	91	518530	19.171	ug/l	95
79) 2-Chlorotoluene	13.123	91	305942	18.899	ug/l	90
80) 1,3,5-Trimethylbenzene	13.176	105	364859	19.287	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	44804	18.838	ug/l	98
82) 4-Chlorotoluene	13.223	91	309374	19.384	ug/l	95
83) tert-Butylbenzene	13.441	119	311202	19.077	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	364824	19.188	ug/l	93
85) sec-Butylbenzene	13.617	105	447097	19.172	ug/l	92
86) p-Isopropyltoluene	13.729	119	373752	19.606	ug/l	95
87) 1,3-Dichlorobenzene	13.729	146	198443	19.090	ug/l	94
88) 1,4-Dichlorobenzene	13.811	146	200833	18.658	ug/l	97
89) n-Butylbenzene	14.053	91	319453	18.899	ug/l	96
90) Hexachloroethane	14.335	117	67754	18.767	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	198770	19.867	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26430	18.442	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	105274	18.197	ug/l	97
94) Hexachlorobutadiene	15.500	225	45969	18.110	ug/l	96
95) Naphthalene	15.641	128	340589	18.169	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	107115	18.408	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
Data File : VN081554.D
Acq On : 25 Mar 2024 12:08
Operator : JC\MD
Sample : VN0325WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

Quant Time: Mar 26 01:16:48 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

