

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012924\
 Data File : VN080802.D
 Acq On : 29 Jan 2024 19:41
 Operator : JC\MD
 Sample : P1187-07 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024

Quant Time: Jan 30 02:06:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 30 02:03:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/30/2024
 Supervised By : Mahesh Dadoda 01/30/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	108860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	229618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	190707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	70722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	96453	51.216	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.440%			
35) Dibromofluoromethane	8.165	113	68311	48.626	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.260%			
50) Toluene-d8	10.565	98	267770	48.700	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.400%			
62) 4-Bromofluorobenzene	12.853	95	85594	44.673	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	4612	2.852	ug/l	91
3) Chloromethane	2.359	50	8971	3.691	ug/l	99
4) Vinyl Chloride	2.512	62	4926	2.666	ug/l #	83
5) Bromomethane	2.959	94	2680	3.626	ug/l	92
6) Chloroethane	3.112	64	3520	3.573	ug/l #	78
7) Trichlorofluoromethane	3.489	101	6337	2.650	ug/l #	81
8) Diethyl Ether	3.959	74	2916	2.643	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.365	101	3525m	2.528	ug/l	
10) Methyl Iodide	4.589	142	2849m	2.420	ug/l	
11) Tert butyl alcohol	5.530	59	4457m	14.518	ug/l	
12) 1,1-Dichloroethene	4.330	96	4303	2.816	ug/l #	81
13) Acrolein	4.171	56	5936	15.333	ug/l	91
14) Allyl chloride	5.012	41	7538m	2.496	ug/l	
15) Acrylonitrile	5.724	53	14050	15.218	ug/l #	95
16) Acetone	4.430	43	10624	15.555	ug/l #	85
17) Carbon Disulfide	4.700	76	11792	2.479	ug/l	100
18) Methyl Acetate	5.024	43	11708	4.919	ug/l	97
19) Methyl tert-butyl Ether	5.783	73	14546	2.702	ug/l #	82
20) Methylene Chloride	5.283	84	5269	2.939	ug/l	89
21) trans-1,2-Dichloroethene	5.777	96	4714m	2.840	ug/l	
22) Diisopropyl ether	6.665	45	18307	2.747	ug/l #	96
23) Vinyl Acetate	6.600	43	54407	11.284	ug/l	96
24) 1,1-Dichloroethane	6.577	63	9550	2.826	ug/l #	96
25) 2-Butanone	7.488	43	18891	14.562	ug/l	96
26) 2,2-Dichloropropane	7.494	77	6523	2.388	ug/l	95
27) cis-1,2-Dichloroethene	7.483	96	5558	2.892	ug/l	95
28) Bromochloromethane	7.800	49	4771	2.666	ug/l #	71
29) Tetrahydrofuran	7.847	42	13200	15.037	ug/l	93
30) Chloroform	7.971	83	8843	2.816	ug/l	86
31) Cyclohexane	8.241	56	12624m	3.909	ug/l	
32) 1,1,1-Trichloroethane	8.165	97	6902	2.711	ug/l #	51
36) 1,1-Dichloropropene	8.371	75	6951	2.662	ug/l #	88
37) Ethyl Acetate	7.565	43	7735	2.878	ug/l #	95
38) Carbon Tetrachloride	8.353	117	5258	2.499	ug/l #	76
39) Methylcyclohexane	9.594	83	6231	2.401	ug/l #	73
40) Benzene	8.600	78	20434	2.663	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012924\
 Data File : VN080802.D
 Acq On : 29 Jan 2024 19:41
 Operator : JC\MD
 Sample : P1187-07 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024

Quant Time: Jan 30 02:06:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 30 02:03:24 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/30/2024
 Supervised By :Mahesh Dadoda 01/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	4127m	2.605	ug/l	
42) 1,2-Dichloroethane	8.659	62	7325	2.930	ug/l	86
43) Isopropyl Acetate	8.694	43	12870	2.630	ug/l	94
44) Trichloroethene	9.353	130	4609	2.727	ug/l	97
45) 1,2-Dichloropropane	9.618	63	5164	2.486	ug/l #	88
46) Dibromomethane	9.712	93	3276	2.661	ug/l	89
47) Bromodichloromethane	9.894	83	6604	2.642	ug/l	96
48) Methyl methacrylate	9.682	41	6839	2.883	ug/l	93
49) 1,4-Dioxane	9.700	88	1413	49.444	ug/l #	70
51) 4-Methyl-2-Pentanone	10.441	43	36698	13.414	ug/l	99
52) Toluene	10.635	92	12914	2.935	ug/l	93
53) t-1,3-Dichloropropene	10.835	75	6598	2.266	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	7914	2.499	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	3994	2.362	ug/l #	82
56) Ethyl methacrylate	10.882	69	5035	1.937	ug/l #	81
57) 1,3-Dichloropropane	11.159	76	8788	2.761	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.165	63	17880	11.799	ug/l	92
59) 2-Hexanone	11.194	43	26657	12.544	ug/l	98
60) Dibromochloromethane	11.359	129	4151	2.639	ug/l	91
61) 1,2-Dibromoethane	11.471	107	4308	2.718	ug/l	97
64) Tetrachloroethene	11.100	164	3544	2.827	ug/l #	72
65) Chlorobenzene	11.894	112	10965	2.634	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.971	131	4037	2.983	ug/l	92
67) Ethyl Benzene	11.965	91	19909	2.574	ug/l	97
68) m/p-Xylenes	12.071	106	14436	5.255	ug/l	96
69) o-Xylene	12.400	106	6337	2.321	ug/l	86
70) Styrene	12.412	104	9799	2.235	ug/l	96
71) Bromoform	12.576	173	2346	2.564	ug/l #	88
73) Isopropylbenzene	12.700	105	16220	2.504	ug/l	99
74) N-amyl acetate	12.494	43	11099	2.760	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	6626	2.909	ug/l	95
76) 1,2,3-Trichloropropane	13.000	75	5802m	2.720	ug/l	
77) Bromobenzene	12.982	156	3441	2.486	ug/l	90
78) n-propylbenzene	13.035	91	18941	2.448	ug/l	100
79) 2-Chlorotoluene	13.129	91	11861	2.412	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	13392	2.596	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	2029	2.451	ug/l	96
82) 4-Chlorotoluene	13.223	91	12511	2.569	ug/l	95
83) tert-Butylbenzene	13.435	119	10428	2.532	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	13073	2.502	ug/l	99
85) sec-Butylbenzene	13.623	105	15007	2.471	ug/l	99
86) p-Isopropyltoluene	13.735	119	11620	2.462	ug/l	94
87) 1,3-Dichlorobenzene	13.735	146	5443	2.198	ug/l	91
88) 1,4-Dichlorobenzene	13.812	146	6444m	2.596	ug/l	
89) n-Butylbenzene	14.059	91	10756	2.329	ug/l	97
90) Hexachloroethane	14.335	117	1993	2.414	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	6315	2.786	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.723	75	1274	2.992	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	2764	2.369	ug/l	95
94) Hexachlorobutadiene	15.500	225	1413	2.773	ug/l	78
95) Naphthalene	15.647	128	9340	2.092	ug/l	95
96) 1,2,3-Trichlorobenzene	15.847	180	2785	2.429	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012924\
Data File : VN080802.D
Acq On : 29 Jan 2024 19:41
Operator : JC\MD
Sample : P1187-07 2.5PPB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 30 02:06:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 30 02:03:24 2024
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024

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

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

