

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013024\
 Data File : VX040025.D
 Acq On : 30 Jan 2024 17:35
 Operator : JC/MD
 Sample : P1187-07 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jan 31 06:43:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 06:40:20 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/31/2024
 Supervised By : Semsettin Yesilyurt 01/31/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	77162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	146950	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66727	53.733	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.460%			
35) Dibromofluoromethane	5.385	113	47854	47.838	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.680%			
50) Toluene-d8	8.647	98	184729	49.380	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.760%			
62) 4-Bromofluorobenzene	11.079	95	67478	46.844	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	2004	2.306	ug/l	78
3) Chloromethane	1.295	50	1876	2.276	ug/l #	83
4) Vinyl Chloride	1.374	62	1932	2.534	ug/l	96
5) Bromomethane	1.605	94	1256	1.695	ug/l #	67
6) Chloroethane	1.685	64	1146	2.277	ug/l #	66
7) Trichlorofluoromethane	1.886	101	3096	2.553	ug/l #	83
8) Diethyl Ether	2.130	74	1178	2.747	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.325	101	2276	2.515	ug/l	96
10) Methyl Iodide	2.453	142	1904	1.977	ug/l	94
11) Tert butyl alcohol	2.959	59	2862	12.702	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	1989	2.292	ug/l	86
13) Acrolein	2.233	56	2696	12.488	ug/l	83
14) Allyl chloride	2.660	41	3847	2.459	ug/l	88
15) Acrylonitrile	3.069	53	6933	12.283	ug/l	97
16) Acetone	2.380	43	7686	13.209	ug/l	93
17) Carbon Disulfide	2.514	76	6590	2.597	ug/l #	94
18) Methyl Acetate	2.703	43	3247	2.356	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	6911	2.325	ug/l	99
20) Methylene Chloride	2.788	84	2855	2.761	ug/l #	90
21) trans-1,2-Dichloroethene	3.093	96	2130	2.229	ug/l #	77
22) Diisopropyl ether	3.757	45	7013	2.314	ug/l #	71
23) Vinyl Acetate	3.727	43	29178	10.759	ug/l	100
24) 1,1-Dichloroethane	3.617	63	4347	2.505	ug/l	95
25) 2-Butanone	4.568	43	9869	12.201	ug/l	92
26) 2,2-Dichloropropane	4.483	77	2750	2.031	ug/l	84
27) cis-1,2-Dichloroethene	4.489	96	2470	2.316	ug/l	98
28) Bromochloromethane	4.904	49	2037	2.517	ug/l #	54
29) Tetrahydrofuran	5.013	42	6270	12.192	ug/l	95
30) Chloroform	5.087	83	4353	2.336	ug/l	91
31) Cyclohexane	5.477	56	3945	2.536	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	3858	2.412	ug/l	98
36) 1,1-Dichloropropene	5.696	75	3099	2.142	ug/l	94
37) Ethyl Acetate	4.721	43	3206	2.029	ug/l #	92
38) Carbon Tetrachloride	5.684	117	2893	2.090	ug/l #	65
39) Methylcyclohexane	7.373	83	3935	2.236	ug/l #	92
40) Benzene	6.044	78	9378	2.226	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013024\
 Data File : VX040025.D
 Acq On : 30 Jan 2024 17:35
 Operator : JC/MD
 Sample : P1187-07 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jan 31 06:43:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 06:40:20 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/31/2024
 Supervised By :Semsettin Yesilyurt 01/31/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	1927	2.405	ug/l #	28
42) 1,2-Dichloroethane	6.092	62	3985	2.457	ug/l	93
43) Isopropyl Acetate	6.348	43	5249	2.107	ug/l #	93
44) Trichloroethene	7.123	130	2326	2.098	ug/l	83
45) 1,2-Dichloropropane	7.434	63	2424	2.179	ug/l #	85
46) Dibromomethane	7.592	93	2007	2.403	ug/l	87
47) Bromodichloromethane	7.824	83	3202	2.153	ug/l	88
48) Methyl methacrylate	7.696	41	2596	2.115	ug/l #	85
49) 1,4-Dioxane	7.665	88	1345	50.428	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	18902	11.113	ug/l	98
52) Toluene	8.720	92	6366	2.424	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	2880	1.867	ug/l	96
54) cis-1,3-Dichloropropene	8.373	75	3441	2.091	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	2531	2.328	ug/l	96
56) Ethyl methacrylate	9.116	69	3254	2.050	ug/l #	92
57) 1,3-Dichloropropane	9.305	76	4000	2.234	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	8061	10.098	ug/l	95
59) 2-Hexanone	9.433	43	15360	11.326	ug/l	96
60) Dibromochloromethane	9.525	129	2213	2.026	ug/l	98
61) 1,2-Dibromoethane	9.610	107	2680	2.280	ug/l	95
64) Tetrachloroethene	9.275	164	2198	2.349	ug/l #	86
65) Chlorobenzene	10.080	112	6704	2.255	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	1956	1.948	ug/l	90
67) Ethyl Benzene	10.195	91	11567	2.169	ug/l	97
68) m/p-Xylenes	10.299	106	9259	4.615	ug/l	91
69) o-Xylene	10.640	106	4212	2.213	ug/l	91
70) Styrene	10.659	104	6726	2.097	ug/l	99
71) Bromoform	10.799	173	1368	1.780	ug/l #	98
73) Isopropylbenzene	10.964	105	10218	2.106	ug/l	96
74) N-amyl acetate	10.842	43	4030	1.825	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	4053	2.222	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	3264m	2.269	ug/l	
77) Bromobenzene	11.201	156	2423	2.165	ug/l	89
78) n-propylbenzene	11.305	91	13208	2.213	ug/l	96
79) 2-Chlorotoluene	11.366	91	8246	2.295	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	8878	2.129	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	612m	1.325	ug/l	
82) 4-Chlorotoluene	11.457	91	9852	2.389	ug/l	95
83) tert-Butylbenzene	11.713	119	9051	2.268	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	8417	2.023	ug/l	99
85) sec-Butylbenzene	11.890	105	11040	2.088	ug/l	97
86) p-Isopropyltoluene	12.012	119	9179	2.126	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	4973	2.203	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	5574	2.412	ug/l	86
89) n-Butylbenzene	12.335	91	8465	2.020	ug/l	98
90) Hexachloroethane	12.536	117	1200	1.759	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	4736	2.176	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	742	1.795	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	3015	2.216	ug/l	96
94) Hexachlorobutadiene	13.725	225	1180	2.202	ug/l	91
95) Naphthalene	13.774	128	8678	1.878	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2587	1.923	ug/l	80

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013024\
Data File : VX040025.D
Acq On : 30 Jan 2024 17:35
Operator : JC/MD
Sample : P1187-07 2.5PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 31 06:43:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 31 06:40:20 2024
Response via : Initial Calibration

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

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

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

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

