

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013124\
 Data File : VX040043.D
 Acq On : 31 Jan 2024 13:12
 Operator : JC/MD
 Sample : P1187-08 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

Quant Time: Feb 01 05:10:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:07:23 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/01/2024
 Supervised By : Mahesh Dadoda 02/01/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	94278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	167984	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72619	47.861	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.720%		
35) Dibromofluoromethane	5.385	113	54569	47.720	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.440%		
50) Toluene-d8	8.646	98	191187	44.707	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.420%#		
62) 4-Bromofluorobenzene	11.079	95	72549	44.058	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	2635	2.481	ug/l	90
3) Chloromethane	1.300	50	2959	2.938	ug/l	99
4) Vinyl Chloride	1.373	62	2421	2.599	ug/l	97
5) Bromomethane	1.605	94	1815	2.005	ug/l	98
6) Chloroethane	1.684	64	1407	2.288	ug/l	93
7) Trichlorofluoromethane	1.885	101	2985	2.014	ug/l	97
8) Diethyl Ether	2.129	74	1224	2.336	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.331	101	2700	2.442	ug/l	96
10) Methyl Iodide	2.452	142	2568	2.182	ug/l	99
11) Tert butyl alcohol	2.958	59	3651	13.261	ug/l #	91
12) 1,1-Dichloroethene	2.318	96	2568	2.422	ug/l	95
13) Acrolein	2.233	56	3382	12.822	ug/l	99
14) Allyl chloride	2.666	41	4823	2.523	ug/l	96
15) Acrylonitrile	3.062	53	8997	13.046	ug/l	98
16) Acetone	2.379	43	9133	12.847	ug/l	99
17) Carbon Disulfide	2.513	76	7316	2.360	ug/l #	91
18) Methyl Acetate	2.702	43	4420	2.624	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	9186	2.529	ug/l #	90
20) Methylene Chloride	2.794	84	3376	2.672	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	2889	2.474	ug/l	90
22) Diisopropyl ether	3.763	45	9337	2.522	ug/l #	85
23) Vinyl Acetate	3.727	43	38435	11.600	ug/l	98
24) 1,1-Dichloroethane	3.611	63	5512	2.599	ug/l	98
25) 2-Butanone	4.562	43	13285	13.443	ug/l	93
26) 2,2-Dichloropropane	4.470	77	3525	2.130	ug/l	80
27) cis-1,2-Dichloroethene	4.495	96	3368	2.585	ug/l	95
28) Bromochloromethane	4.903	49	2424	2.451	ug/l #	96
29) Tetrahydrofuran	5.019	42	8401	13.370	ug/l	95
30) Chloroform	5.098	83	5634	2.474	ug/l	98
31) Cyclohexane	5.476	56	4642	2.442	ug/l #	87
32) 1,1,1-Trichloroethane	5.385	97	4686	2.398	ug/l	97
36) 1,1-Dichloropropene	5.690	75	4370	2.642	ug/l	98
37) Ethyl Acetate	4.733	43	3749	2.076	ug/l #	92
38) Carbon Tetrachloride	5.671	117	3507	2.216	ug/l #	91
39) Methylcyclohexane	7.378	83	4239	2.107	ug/l	89
40) Benzene	6.037	78	11914	2.473	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013124\
 Data File : VX040043.D
 Acq On : 31 Jan 2024 13:12
 Operator : JC/MD
 Sample : P1187-08 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

Quant Time: Feb 01 05:10:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:07:23 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/01/2024
 Supervised By :Mahesh Dadoda 02/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	2444	2.668	ug/l #	90
42) 1,2-Dichloroethane	6.092	62	4818	2.598	ug/l	97
43) Isopropyl Acetate	6.342	43	6629	2.327	ug/l #	73
44) Trichloroethene	7.128	130	3129	2.468	ug/l	91
45) 1,2-Dichloropropane	7.433	63	3253	2.558	ug/l	90
46) Dibromomethane	7.580	93	2296	2.405	ug/l	99
47) Bromodichloromethane	7.823	83	3843	2.260	ug/l #	80
48) Methyl methacrylate	7.702	41	3307	2.357	ug/l	89
49) 1,4-Dioxane	7.665	88	1431	46.934	ug/l #	97
51) 4-Methyl-2-Pentanone	8.573	43	22369	11.505	ug/l	97
52) Toluene	8.720	92	7209	2.401	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	3140	1.781	ug/l	91
54) cis-1,3-Dichloropropene	8.372	75	4198	2.231	ug/l	91
55) 1,1,2-Trichloroethane	9.146	97	2913	2.344	ug/l #	88
56) Ethyl methacrylate	9.122	69	3957	2.181	ug/l #	92
57) 1,3-Dichloropropane	9.311	76	4882	2.385	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	9961	10.915	ug/l	97
59) 2-Hexanone	9.433	43	17083	11.020	ug/l	99
60) Dibromochloromethane	9.518	129	2738	2.193	ug/l	93
61) 1,2-Dibromoethane	9.610	107	2985	2.222	ug/l	98
64) Tetrachloroethene	9.274	164	2544	2.538	ug/l	88
65) Chlorobenzene	10.079	112	7792	2.448	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.164	131	2347	2.183	ug/l	95
67) Ethyl Benzene	10.195	91	13365	2.340	ug/l	99
68) m/p-Xylenes	10.299	106	10021	4.663	ug/l	95
69) o-Xylene	10.640	106	4964	2.435	ug/l	92
70) Styrene	10.658	104	7667	2.232	ug/l	99
71) Bromoform	10.799	173	1752	2.129	ug/l #	98
73) Isopropylbenzene	10.963	105	12616	2.415	ug/l	98
74) N-amyl acetate	10.847	43	4556	1.915	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	5019	2.555	ug/l	96
76) 1,2,3-Trichloropropane	11.237	75	3746m	2.418	ug/l	
77) Bromobenzene	11.201	156	3119	2.588	ug/l	97
78) n-propylbenzene	11.305	91	15436	2.401	ug/l	100
79) 2-Chlorotoluene	11.365	91	9346	2.415	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	10144	2.259	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	794m	1.597	ug/l	
82) 4-Chlorotoluene	11.457	91	10303	2.319	ug/l	99
83) tert-Butylbenzene	11.713	119	9354	2.176	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	9946	2.219	ug/l	100
85) sec-Butylbenzene	11.890	105	12996	2.282	ug/l	99
86) p-Isopropyltoluene	12.012	119	9842	2.117	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	6053	2.490	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	6926	2.783	ug/l	92
89) n-Butylbenzene	12.335	91	9821	2.176	ug/l	95
90) Hexachloroethane	12.542	117	1484	2.020	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	5447	2.323	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.944	75	859	1.929	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	3386	2.311	ug/l	99
94) Hexachlorobutadiene	13.725	225	1353	2.344	ug/l	94
95) Naphthalene	13.774	128	10833	2.176	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	3492	2.410	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013124\
Data File : VX040043.D
Acq On : 31 Jan 2024 13:12
Operator : JC/MD
Sample : P1187-08 2.5PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024

Quant Time: Feb 01 05:10:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 05:07:23 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

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

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

