

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
 Data File : VX045336.D
 Acq On : 18 Mar 2025 19:30
 Operator : JC/MD
 Sample : Q1557-04MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-9-20250312MS

Quant Time: Mar 19 01:50:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/19/2025
 Supervised By : Mahesh Dadoda 03/19/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	81809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150929	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	133572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	74030	56.890	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.780%			
35) Dibromofluoromethane	5.379	113	54340	53.843	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.680%			
50) Toluene-d8	8.647	98	191083	52.226	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.460%			
62) 4-Bromofluorobenzene	11.079	95	68193	56.246	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	52123	50.616	ug/l	96
3) Chloromethane	1.301	50	60024	47.629	ug/l	100
4) Vinyl Chloride	1.374	62	55751	44.595	ug/l	97
5) Bromomethane	1.593	94	22864	46.523	ug/l	99
6) Chloroethane	1.660	64	25933	44.972	ug/l	96
7) Trichlorofluoromethane	1.868	101	80767	48.802	ug/l	100
8) Diethyl Ether	2.136	74	29802	46.038	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	53027	55.769	ug/l	99
10) Methyl Iodide	2.441	142	63640	53.558	ug/l	95
11) Tert butyl alcohol	2.989	59	53410	216.686	ug/l	98
12) 1,1-Dichloroethene	2.307	96	51513	51.243	ug/l	98
13) Acrolein	2.239	56	70029	245.776	ug/l	99
14) Allyl chloride	2.654	41	94251	52.672	ug/l	97
15) Acrylonitrile	3.062	53	171912	260.232	ug/l	99
16) Acetone	2.386	43	160045	265.081	ug/l	96
17) Carbon Disulfide	2.502	76	107057	39.984	ug/l	99
18) Methyl Acetate	2.703	43	85789	59.065	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	178102	52.808	ug/l	99
20) Methylene Chloride	2.782	84	60563	50.639	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	51249	51.604	ug/l	98
22) Diisopropyl ether	3.764	45	194022	53.314	ug/l	98
23) Vinyl Acetate	3.721	43	718605	236.620	ug/l	99
24) 1,1-Dichloroethane	3.605	63	107839	52.874	ug/l	99
25) 2-Butanone	4.562	43	243066	267.456	ug/l	99
26) 2,2-Dichloropropane	4.471	77	52766	55.157	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	64784	52.843	ug/l	96
28) Bromochloromethane	4.891	49	50188	51.626	ug/l	99
29) Tetrahydrofuran	5.007	42	150506	246.606	ug/l	98
30) Chloroform	5.087	83	111580	55.060	ug/l	97
31) Cyclohexane	5.458	56	90433	51.079	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	88593	54.128	ug/l	97
36) 1,1-Dichloropropene	5.684	75	70643	51.041	ug/l	99
37) Ethyl Acetate	4.715	43	80035	44.877	ug/l	100
38) Carbon Tetrachloride	5.666	117	72643	51.698	ug/l	95
39) Methylcyclohexane	7.373	83	86152	51.949	ug/l	98
40) Benzene	6.031	78	224443	51.354	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
 Data File : VX045336.D
 Acq On : 18 Mar 2025 19:30
 Operator : JC/MD
 Sample : Q1557-04MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-9-20250312MS

Quant Time: Mar 19 01:50:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/19/2025
 Supervised By :Mahesh Dadoda 03/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	51138	53.029	ug/l	96
42) 1,2-Dichloroethane	6.080	62	88267	56.084	ug/l	97
43) Isopropyl Acetate	6.342	43	130861	49.621	ug/l	100
44) Trichloroethene	7.123	130	51204	49.895	ug/l	99
45) 1,2-Dichloropropane	7.428	63	58292	51.875	ug/l	99
46) Dibromomethane	7.574	93	42501	53.511	ug/l	96
47) Bromodichloromethane	7.818	83	83910	53.861	ug/l	99
48) Methyl methacrylate	7.690	41	71777	54.251	ug/l	94
49) 1,4-Dioxane	7.659	88	29890	1071.003	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	488870	276.084	ug/l	100
52) Toluene	8.714	92	135592	52.878	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	69587	53.430	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	80187	52.799	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	56385	53.413	ug/l	97
56) Ethyl methacrylate	9.116	69	87926	54.795	ug/l	95
57) 1,3-Dichloropropane	9.305	76	95946	52.519	ug/l	99
59) 2-Hexanone	9.427	43	360965	281.352	ug/l	99
60) Dibromochloromethane	9.519	129	58878	53.343	ug/l	98
61) 1,2-Dibromoethane	9.604	107	55352	52.524	ug/l	99
64) Tetrachloroethene	9.269	164	42976	50.236	ug/l	95
65) Chlorobenzene	10.079	112	146761	51.926	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	48273	51.287	ug/l	98
67) Ethyl Benzene	10.189	91	260829	52.963	ug/l	100
68) m/p-Xylenes	10.299	106	189209	104.951	ug/l	95
69) o-Xylene	10.640	106	94820	52.149	ug/l	98
70) Styrene	10.653	104	161303	54.826	ug/l	99
71) Bromoform	10.799	173	36839	51.902	ug/l #	100
73) Isopropylbenzene	10.957	105	248664	51.630	ug/l	99
74) N-amyl acetate	10.842	43	109394	48.406	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	89561	50.674	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	73208m	50.974	ug/l	
77) Bromobenzene	11.195	156	57595	50.684	ug/l	97
78) n-propylbenzene	11.299	91	289701	53.248	ug/l	99
79) 2-Chlorotoluene	11.360	91	177824	51.321	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	205315	52.722	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	19446	46.336	ug/l	88
82) 4-Chlorotoluene	11.451	91	201240	53.290	ug/l	99
83) tert-Butylbenzene	11.713	119	208141	52.018	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	207237	52.888	ug/l	99
85) sec-Butylbenzene	11.890	105	258541	53.941	ug/l	99
86) p-Isopropyltoluene	12.006	119	208701	53.880	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	104344	51.472	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	104140	50.777	ug/l	99
89) n-Butylbenzene	12.329	91	184116	55.189	ug/l	99
90) Hexachloroethane	12.536	117	35642	50.872	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	106776	52.507	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18121	52.628	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	60271	52.051	ug/l	98
94) Hexachlorobutadiene	13.719	225	23735	49.997	ug/l	98
95) Naphthalene	13.774	128	235203	52.868	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	65144	53.329	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045336.D
Acq On : 18 Mar 2025 19:30
Operator : JC/MD
Sample : Q1557-04MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250312MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Quant Time: Mar 19 01:50:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

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

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

