

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
 Data File : VX044613.D
 Acq On : 07 Jan 2025 19:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 08 05:57:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 08 03:57:12 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/08/2025
 Supervised By : Mahesh Dadoda 01/08/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	168032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	295835	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	253685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	118886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	151564	55.942	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.880%			
35) Dibromofluoromethane	5.379	113	105618	52.065	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.120%			
50) Toluene-d8	8.647	98	360090	51.967	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.940%			
62) 4-Bromofluorobenzene	11.079	95	128195	52.415	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	134539	55.337	ug/l	98
3) Chloromethane	1.295	50	128841	53.178	ug/l	96
4) Vinyl Chloride	1.374	62	123309	54.253	ug/l	99
5) Bromomethane	1.593	94	62546	53.125	ug/l	98
6) Chloroethane	1.666	64	64752	49.799	ug/l	94
7) Trichlorofluoromethane	1.874	101	185599	54.842	ug/l	98
8) Diethyl Ether	2.136	74	67148	56.153	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	100212	51.646	ug/l	99
10) Methyl Iodide	2.447	142	140962	52.097	ug/l	99
11) Tert butyl alcohol	2.995	59	98297	294.641	ug/l	97
12) 1,1-Dichloroethene	2.313	96	95617	50.866	ug/l	96
13) Acrolein	2.233	56	134997	306.047	ug/l	100
14) Allyl chloride	2.660	41	170117	54.415	ug/l	98
15) Acrylonitrile	3.063	53	269181	280.157	ug/l	99
16) Acetone	2.380	43	246540	288.715	ug/l	100
17) Carbon Disulfide	2.502	76	208698	53.692	ug/l	98
18) Methyl Acetate	2.703	43	140271	55.654	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	353121	54.815	ug/l	99
20) Methylene Chloride	2.782	84	113109	51.920	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	97667	50.624	ug/l	97
22) Diisopropyl ether	3.757	45	354623	55.179	ug/l	99
23) Vinyl Acetate	3.715	43	1535167	295.397	ug/l	100
24) 1,1-Dichloroethane	3.605	63	199407	53.250	ug/l	99
25) 2-Butanone	4.556	43	370671	300.736	ug/l	96
26) 2,2-Dichloropropane	4.471	77	166708	51.490	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	124483	52.916	ug/l	100
28) Bromochloromethane	4.891	49	87592	50.249	ug/l	97
29) Tetrahydrofuran	5.001	42	241460	286.076	ug/l	99
30) Chloroform	5.087	83	212184	52.559	ug/l	99
31) Cyclohexane	5.458	56	159553	51.894	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	185991	54.744	ug/l	99
36) 1,1-Dichloropropene	5.684	75	136474	52.027	ug/l	99
37) Ethyl Acetate	4.709	43	153095	57.053	ug/l	99
38) Carbon Tetrachloride	5.672	117	150161	51.595	ug/l	97
39) Methylcyclohexane	7.373	83	166246	49.669	ug/l	98
40) Benzene	6.031	78	419445	50.785	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
 Data File : VX044613.D
 Acq On : 07 Jan 2025 19:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/08/2025
 Supervised By : Mahesh Dadoda 01/08/2025

Quant Time: Jan 08 05:57:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 08 03:57:12 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	87090	60.464	ug/l	95
42) 1,2-Dichloroethane	6.080	62	178223	55.178	ug/l	100
43) Isopropyl Acetate	6.336	43	248008	56.022	ug/l	99
44) Trichloroethene	7.123	130	101890	48.261	ug/l	95
45) 1,2-Dichloropropane	7.421	63	104468	51.880	ug/l	96
46) Dibromomethane	7.574	93	81733	52.190	ug/l	98
47) Bromodichloromethane	7.818	83	156733	54.997	ug/l	98
48) Methyl methacrylate	7.696	41	124321	58.879	ug/l	97
49) 1,4-Dioxane	7.665	88	38760	1249.198	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	756374	292.284	ug/l	100
52) Toluene	8.714	92	257402	51.653	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	151224	55.515	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	164267	53.656	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	103095	52.771	ug/l	98
56) Ethyl methacrylate	9.116	69	163278	57.469	ug/l	98
57) 1,3-Dichloropropane	9.305	76	175128	53.383	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	391895	278.235	ug/l	100
59) 2-Hexanone	9.427	43	553155	302.247	ug/l	99
60) Dibromochloromethane	9.519	129	107971	55.427	ug/l	99
61) 1,2-Dibromoethane	9.604	107	105825	53.635	ug/l	97
64) Tetrachloroethene	9.269	164	85353	47.587	ug/l	96
65) Chlorobenzene	10.073	112	275873	51.238	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	95543	53.429	ug/l	99
67) Ethyl Benzene	10.189	91	494122	53.443	ug/l	100
68) m/p-Xylenes	10.299	106	365584	107.604	ug/l	99
69) o-Xylene	10.640	106	179313	52.289	ug/l	99
70) Styrene	10.653	104	300652	54.813	ug/l	100
71) Bromoform	10.799	173	65460	52.026	ug/l #	96
73) Isopropylbenzene	10.957	105	463455	52.618	ug/l	99
74) N-amyl acetate	10.842	43	212270	59.395	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	151715	53.439	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	128289m	53.831	ug/l	
77) Bromobenzene	11.195	156	111248	51.994	ug/l	98
78) n-propylbenzene	11.305	91	527200	53.141	ug/l	100
79) 2-Chlorotoluene	11.360	91	327328	50.916	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	389590	53.347	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	43198	55.176	ug/l	98
82) 4-Chlorotoluene	11.451	91	376292	52.030	ug/l	99
83) tert-Butylbenzene	11.713	119	385674	53.037	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	392732	53.535	ug/l	98
85) sec-Butylbenzene	11.890	105	462731	52.250	ug/l	100
86) p-Isopropyltoluene	12.006	119	394724	53.119	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	196937	50.880	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	196398	48.700	ug/l	99
89) n-Butylbenzene	12.329	91	336155	53.573	ug/l	99
90) Hexachloroethane	12.536	117	60971	51.076	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	201962	51.635	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	32131	59.698	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	129812	56.469	ug/l	99
94) Hexachlorobutadiene	13.725	225	50956	53.233	ug/l	97
95) Naphthalene	13.774	128	450708	60.764	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	135540	57.677	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
Data File : VX044613.D
Acq On : 07 Jan 2025 19:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

Quant Time: Jan 08 05:57:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
Response via : Initial Calibration

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

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

