

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
 Data File : VX045932.D
 Acq On : 25 Apr 2025 09:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 25 23:31:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/28/2025
 Supervised By : Semsettin Yesilyurt 04/28/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	87494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	146416	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	81629	51.017	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.040%			
35) Dibromofluoromethane	5.373	113	56994	54.864	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.720%			
50) Toluene-d8	8.641	98	187345	51.669	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.340%			
62) 4-Bromofluorobenzene	11.079	95	74472	56.387	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	65034	49.702	ug/l	96
3) Chloromethane	1.301	50	66615	49.556	ug/l	98
4) Vinyl Chloride	1.374	62	60642	49.295	ug/l	99
5) Bromomethane	1.593	94	28807	49.386	ug/l	97
6) Chloroethane	1.666	64	34843	53.384	ug/l	98
7) Trichlorofluoromethane	1.874	101	99628	54.309	ug/l	100
8) Diethyl Ether	2.130	74	32596	52.926	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	60060	55.873	ug/l	99
10) Methyl Iodide	2.441	142	71606	53.405	ug/l	97
11) Tert butyl alcohol	2.971	59	55357	257.436	ug/l	99
12) 1,1-Dichloroethene	2.313	96	55271	52.621	ug/l	95
13) Acrolein	2.233	56	92062	310.900	ug/l	99
14) Allyl chloride	2.654	41	107678	54.030	ug/l	100
15) Acrylonitrile	3.062	53	171275	252.328	ug/l	99
16) Acetone	2.380	43	165166	251.386	ug/l	99
17) Carbon Disulfide	2.502	76	121393	46.793	ug/l	100
18) Methyl Acetate	2.703	43	87762	58.017	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	202328	55.065	ug/l	99
20) Methylene Chloride	2.782	84	63520	51.641	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	55653	51.863	ug/l	99
22) Diisopropyl ether	3.757	45	211448	53.861	ug/l	99
23) Vinyl Acetate	3.715	43	922194	271.884	ug/l	100
24) 1,1-Dichloroethane	3.599	63	115991	52.244	ug/l	99
25) 2-Butanone	4.550	43	246619	256.429	ug/l	98
26) 2,2-Dichloropropane	4.465	77	91605	63.860	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	67826	51.880	ug/l	96
28) Bromochloromethane	4.885	49	49924	46.532	ug/l	99
29) Tetrahydrofuran	4.995	42	153819	246.691	ug/l	100
30) Chloroform	5.080	83	121658	53.253	ug/l	99
31) Cyclohexane	5.458	56	103070	52.513	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	105322	54.484	ug/l	100
36) 1,1-Dichloropropene	5.684	75	78453	55.933	ug/l	99
37) Ethyl Acetate	4.708	43	94486	53.455	ug/l	100
38) Carbon Tetrachloride	5.666	117	89403	58.977	ug/l	99
39) Methylcyclohexane	7.373	83	101454	59.008	ug/l	94
40) Benzene	6.025	78	234763	54.803	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
 Data File : VX045932.D
 Acq On : 25 Apr 2025 09:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 25 23:31:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/28/2025
 Supervised By :Semsettin Yesilyurt 04/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	54175	58.088	ug/l	98
42) 1,2-Dichloroethane	6.074	62	102081	57.696	ug/l	100
43) Isopropyl Acetate	6.336	43	151877	56.691	ug/l	100
44) Trichloroethene	7.117	130	56724	55.711	ug/l	89
45) 1,2-Dichloropropane	7.421	63	60175	56.300	ug/l	94
46) Dibromomethane	7.574	93	45745	55.754	ug/l	98
47) Bromodichloromethane	7.818	83	93715	57.194	ug/l	99
48) Methyl methacrylate	7.690	41	78967	57.089	ug/l	99
49) 1,4-Dioxane	7.659	88	26121	1043.746	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	497484	280.120	ug/l	100
52) Toluene	8.714	92	143526	55.370	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	84000	53.158	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	94286	61.233	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	57530	55.697	ug/l	95
56) Ethyl methacrylate	9.110	69	96025	60.070	ug/l	98
57) 1,3-Dichloropropane	9.305	76	100131	55.669	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	228507	282.573	ug/l	99
59) 2-Hexanone	9.427	43	367419	279.374	ug/l	100
60) Dibromochloromethane	9.519	129	66766	59.291	ug/l	97
61) 1,2-Dibromoethane	9.604	107	59450	56.856	ug/l	99
64) Tetrachloroethene	9.269	164	54752	61.227	ug/l	97
65) Chlorobenzene	10.073	112	154410	57.052	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	55092	58.631	ug/l	99
67) Ethyl Benzene	10.189	91	284668	58.727	ug/l	99
68) m/p-Xylenes	10.299	106	207881	117.913	ug/l	99
69) o-Xylene	10.640	106	102563	59.055	ug/l	100
70) Styrene	10.653	104	172075	60.030	ug/l	99
71) Bromoform	10.799	173	41871	59.679	ug/l #	99
73) Isopropylbenzene	10.957	105	275770	56.209	ug/l	99
74) N-amyl acetate	10.842	43	135895	57.905	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	88313	51.241	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	79169m	52.990	ug/l	
77) Bromobenzene	11.195	156	61402	54.166	ug/l	98
78) n-propylbenzene	11.299	91	321995	56.979	ug/l	100
79) 2-Chlorotoluene	11.360	91	196636	54.429	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	233922	57.659	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25773	58.547	ug/l	98
82) 4-Chlorotoluene	11.451	91	230014	57.104	ug/l	100
83) tert-Butylbenzene	11.713	119	227437	56.625	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	236113	57.985	ug/l	99
85) sec-Butylbenzene	11.890	105	294334	59.663	ug/l	99
86) p-Isopropyltoluene	12.006	119	242143	59.536	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	116205	56.315	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	116867	55.865	ug/l	99
89) n-Butylbenzene	12.329	91	220837	62.615	ug/l	100
90) Hexachloroethane	12.536	117	42286	60.497	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	115036	56.073	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20262	56.214	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	67317	58.949	ug/l	99
94) Hexachlorobutadiene	13.719	225	29332	59.608	ug/l	97
95) Naphthalene	13.774	128	239626	56.388	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	68969	57.678	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
Data File : VX045932.D
Acq On : 25 Apr 2025 09:42
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025

Quant Time: Apr 25 23:31:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

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

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

Manual Integrations

Quant Time: Apr 25 23:31:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

