

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042825\
 Data File : VX045944.D
 Acq On : 28 Apr 2025 10:16
 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 04/29/2025
 Supervised By : Semsettin Yesilyurt 04/29/2025

Quant Time: Apr 29 01:31:30 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)

Internal Standards						
1) Pentafluorobenzene	5.544	168	95099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	163172	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	141994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	80728	46.419	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.840%		
35) Dibromofluoromethane	5.379	113	57443	49.618	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.240%		
50) Toluene-d8	8.641	98	188593	46.672	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.340%		
62) 4-Bromofluorobenzene	11.079	95	74618	50.696	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	70289	49.423	ug/l	100
3) Chloromethane	1.301	50	70078	47.963	ug/l	97
4) Vinyl Chloride	1.374	62	65831	49.233	ug/l	99
5) Bromomethane	1.593	94	30413	47.970	ug/l	99
6) Chloroethane	1.673	64	38708	54.563	ug/l	95
7) Trichlorofluoromethane	1.874	101	109536	54.935	ug/l	99
8) Diethyl Ether	2.130	74	35458	52.968	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	66288	56.735	ug/l	98
10) Methyl Iodide	2.441	142	77362	53.084	ug/l	98
11) Tert butyl alcohol	2.965	59	65471	280.122	ug/l	99
12) 1,1-Dichloroethene	2.313	96	59895	52.463	ug/l	95
13) Acrolein	2.233	56	72253	224.491	ug/l	99
14) Allyl chloride	2.654	41	119876	55.340	ug/l	100
15) Acrylonitrile	3.056	53	195244	264.638	ug/l	100
16) Acetone	2.380	43	189016	264.681	ug/l	98
17) Carbon Disulfide	2.502	76	142778	50.635	ug/l	98
18) Methyl Acetate	2.703	43	105420	64.117	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	224277	56.157	ug/l	99
20) Methylene Chloride	2.782	84	70259	52.552	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	61297	52.554	ug/l	98
22) Diisopropyl ether	3.758	45	233838	54.801	ug/l	99
23) Vinyl Acetate	3.715	43	1027747	278.772	ug/l	100
24) 1,1-Dichloroethane	3.599	63	127648	52.896	ug/l	99
25) 2-Butanone	4.550	43	281742	269.522	ug/l	98
26) 2,2-Dichloropropane	4.465	77	105254	67.508	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	74835	52.664	ug/l	97
28) Bromochloromethane	4.885	49	56114	48.119	ug/l	98
29) Tetrahydrofuran	4.995	42	175486	258.933	ug/l	99
30) Chloroform	5.080	83	133867	53.912	ug/l	100
31) Cyclohexane	5.458	56	111012	52.036	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	118396	56.350	ug/l	99
36) 1,1-Dichloropropene	5.678	75	86774	55.513	ug/l	99
37) Ethyl Acetate	4.702	43	105657	53.636	ug/l	99
38) Carbon Tetrachloride	5.666	117	102656	60.766	ug/l	97
39) Methylcyclohexane	7.373	83	113039	58.995	ug/l	97
40) Benzene	6.025	78	260026	54.467	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	62334	59.973	ug/l	98
42) 1,2-Dichloroethane	6.074	62	110831	56.209	ug/l	99
43) Isopropyl Acetate	6.330	43	172236	57.689	ug/l	100
44) Trichloroethene	7.117	130	62861	55.399	ug/l	96
45) 1,2-Dichloropropane	7.422	63	65990	55.400	ug/l	97
46) Dibromomethane	7.574	93	50640	55.382	ug/l	97
47) Bromodichloromethane	7.818	83	106828	58.502	ug/l	99
48) Methyl methacrylate	7.690	41	89341	57.956	ug/l	98
49) 1,4-Dioxane	7.653	88	30251	1084.645	ug/l	96
51) 4-Methyl-2-Pentanone	8.568	43	559754	282.816	ug/l	100
52) Toluene	8.714	92	159496	55.213	ug/l	100
53) t-1,3-Dichloropropene	8.970	75	98075	55.582	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	106486	62.055	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	63770	55.398	ug/l	97
56) Ethyl methacrylate	9.110	69	107098	60.117	ug/l	98
57) 1,3-Dichloropropane	9.305	76	112286	56.016	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	257236	285.434	ug/l	99
59) 2-Hexanone	9.427	43	420390	286.827	ug/l	100
60) Dibromochloromethane	9.519	129	75392	60.076	ug/l	99
61) 1,2-Dibromoethane	9.604	107	66407	56.988	ug/l	100
64) Tetrachloroethene	9.269	164	55670	55.530	ug/l	98
65) Chlorobenzene	10.073	112	172346	56.801	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	62243	59.087	ug/l	98
67) Ethyl Benzene	10.189	91	316502	58.242	ug/l	99
68) m/p-Xylenes	10.299	106	230485	116.614	ug/l	99
69) o-Xylene	10.640	106	113558	58.324	ug/l	99
70) Styrene	10.653	104	190462	59.269	ug/l	98
71) Bromoform	10.799	173	49518	62.956	ug/l #	98
73) Isopropylbenzene	10.957	105	307616	55.259	ug/l	100
74) N-amyl acetate	10.842	43	151275	56.809	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	100013	51.143	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	89424m	52.751	ug/l	
77) Bromobenzene	11.195	156	68615	53.346	ug/l	99
78) n-propylbenzene	11.299	91	362060	56.466	ug/l	99
79) 2-Chlorotoluene	11.360	91	219247	53.486	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	258722	56.204	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.012	75	30215	60.492	ug/l	94
82) 4-Chlorotoluene	11.451	91	254861	55.764	ug/l	99
83) tert-Butylbenzene	11.713	119	257561	56.515	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	261063	56.505	ug/l	99
85) sec-Butylbenzene	11.890	105	324553	57.981	ug/l	100
86) p-Isopropyltoluene	12.006	119	269879	58.481	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	129842	55.457	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	129642	54.618	ug/l	98
89) n-Butylbenzene	12.329	91	248475	62.091	ug/l	100
90) Hexachloroethane	12.536	117	49793	62.783	ug/l	100
91) 1,2-Dichlorobenzene	12.329	146	128366	55.146	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	24477	59.850	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	78242	60.385	ug/l	98
94) Hexachlorobutadiene	13.719	225	34019	60.929	ug/l	97
95) Naphthalene	13.774	128	272732	56.562	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	78800	58.079	ug/l	100

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

