

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042925\
 Data File : VX045972.D
 Acq On : 29 Apr 2025 11:06
 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 30 01:34:14 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 04/30/2025
 Supervised By : Semsettin Yesilyurt 04/30/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	79737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136469	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	73197	50.197	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.400%			
35) Dibromofluoromethane	5.379	113	51117	52.793	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.580%			
50) Toluene-d8	8.647	98	169543	50.167	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.340%			
62) 4-Bromofluorobenzene	11.079	95	68053	55.282	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56766	47.604	ug/l	98
3) Chloromethane	1.307	50	57423	46.873	ug/l	99
4) Vinyl Chloride	1.374	62	53978	48.146	ug/l	98
5) Bromomethane	1.593	94	25884	48.692	ug/l	99
6) Chloroethane	1.672	64	31454	52.880	ug/l	97
7) Trichlorofluoromethane	1.873	101	89866	53.754	ug/l	99
8) Diethyl Ether	2.130	74	30270	53.930	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	54964	56.106	ug/l	97
10) Methyl Iodide	2.447	142	63754	52.175	ug/l	97
11) Tert butyl alcohol	2.965	59	53098	270.952	ug/l	99
12) 1,1-Dichloroethene	2.312	96	49544	51.757	ug/l	100
13) Acrolein	2.233	56	75463	279.636	ug/l	100
14) Allyl chloride	2.660	41	99721	54.905	ug/l	100
15) Acrylonitrile	3.056	53	162491	262.675	ug/l	99
16) Acetone	2.379	43	151511	253.037	ug/l	98
17) Carbon Disulfide	2.501	76	110415	46.702	ug/l	100
18) Methyl Acetate	2.703	43	90571	65.698	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	189229	56.510	ug/l	100
20) Methylene Chloride	2.782	84	57561	51.349	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	51382	52.541	ug/l	97
22) Diisopropyl ether	3.757	45	198823	55.572	ug/l	98
23) Vinyl Acetate	3.715	43	850445	275.122	ug/l	100
24) 1,1-Dichloroethane	3.605	63	107571	53.165	ug/l	99
25) 2-Butanone	4.550	43	230771	263.293	ug/l	99
26) 2,2-Dichloropropane	4.464	77	87140	66.657	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	62384	52.359	ug/l	96
28) Bromochloromethane	4.891	49	47599	48.681	ug/l	100
29) Tetrahydrofuran	4.995	42	148589	261.485	ug/l	99
30) Chloroform	5.080	83	114100	54.804	ug/l	97
31) Cyclohexane	5.458	56	92482	51.702	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	99091	56.248	ug/l	98
36) 1,1-Dichloropropene	5.684	75	72464	55.429	ug/l	99
37) Ethyl Acetate	4.702	43	88255	53.569	ug/l	99
38) Carbon Tetrachloride	5.665	117	82968	58.722	ug/l	99
39) Methylcyclohexane	7.372	83	92768	57.889	ug/l	97
40) Benzene	6.031	78	216404	54.200	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	51041	58.717	ug/l	99
42) 1,2-Dichloroethane	6.080	62	93623	56.772	ug/l	99
43) Isopropyl Acetate	6.330	43	144726	57.960	ug/l	100
44) Trichloroethene	7.116	130	52937	55.782	ug/l	96
45) 1,2-Dichloropropane	7.421	63	56203	56.416	ug/l	96
46) Dibromomethane	7.574	93	42353	55.382	ug/l	96
47) Bromodichloromethane	7.818	83	88323	57.832	ug/l	96
48) Methyl methacrylate	7.689	41	76108	59.033	ug/l	97
49) 1,4-Dioxane	7.653	88	26261	1125.825	ug/l	99
51) 4-Methyl-2-Pentanone	8.567	43	476758	288.016	ug/l	100
52) Toluene	8.714	92	134979	55.869	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	80914	54.861	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	88605	61.738	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	54332	56.435	ug/l	98
56) Ethyl methacrylate	9.110	69	91177	61.194	ug/l	98
57) 1,3-Dichloropropane	9.305	76	95536	56.986	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	212209	281.546	ug/l	99
59) 2-Hexanone	9.427	43	355652	290.138	ug/l	100
60) Dibromochloromethane	9.518	129	62763	59.799	ug/l	98
61) 1,2-Dibromoethane	9.604	107	55889	57.346	ug/l	99
64) Tetrachloroethene	9.268	164	47656	57.360	ug/l	98
65) Chlorobenzene	10.073	112	147209	58.543	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	51417	58.897	ug/l	99
67) Ethyl Benzene	10.189	91	266645	59.208	ug/l	100
68) m/p-Xylenes	10.299	106	195402	119.295	ug/l	100
69) o-Xylene	10.640	106	94855	58.786	ug/l	98
70) Styrene	10.652	104	162328	60.953	ug/l	100
71) Bromoform	10.799	173	41279	63.327	ug/l #	100
73) Isopropylbenzene	10.957	105	257572	53.888	ug/l	100
74) N-amyl acetate	10.841	43	128947	56.397	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	83960	50.004	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	76347m	52.453	ug/l	
77) Bromobenzene	11.195	156	57154	51.752	ug/l	98
78) n-propylbenzene	11.299	91	304769	55.357	ug/l	100
79) 2-Chlorotoluene	11.360	91	184724	52.484	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	218314	55.235	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.012	75	24410	56.917	ug/l	97
82) 4-Chlorotoluene	11.451	91	215400	54.890	ug/l	100
83) tert-Butylbenzene	11.713	119	215941	55.184	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	222552	56.100	ug/l	99
85) sec-Butylbenzene	11.890	105	272612	56.721	ug/l	100
86) p-Isopropyltoluene	12.006	119	226257	57.101	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	109450	54.444	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	110289	54.115	ug/l	99
89) n-Butylbenzene	12.329	91	206242	60.023	ug/l	99
90) Hexachloroethane	12.536	117	39744	58.364	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	108406	54.239	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20090	57.211	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	64225	57.729	ug/l	97
94) Hexachlorobutadiene	13.725	225	28166	58.752	ug/l	96
95) Naphthalene	13.774	128	228737	55.249	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	63932	54.879	ug/l	97

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

