

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045710.D
 Acq On : 10 Apr 2025 19:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 11 02:03:19 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 04/11/2025
 Supervised By : Mahesh Dadoda 04/11/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	85025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152544	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	135816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77579	49.894	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.780%		
35) Dibromofluoromethane	5.379	113	53972	49.868	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.740%		
50) Toluene-d8	8.647	98	184183	48.756	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.520%		
62) 4-Bromofluorobenzene	11.079	95	71417	51.901	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	103.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	66754	52.498	ug/l	99
3) Chloromethane	1.307	50	63661	48.734	ug/l	99
4) Vinyl Chloride	1.374	62	60177	50.337	ug/l	96
5) Bromomethane	1.593	94	25221	44.494	ug/l	99
6) Chloroethane	1.660	64	26884	42.386	ug/l	98
7) Trichlorofluoromethane	1.868	101	90605	50.825	ug/l	98
8) Diethyl Ether	2.136	74	30019	50.157	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	53675	51.383	ug/l	98
10) Methyl Iodide	2.441	142	63502	48.737	ug/l	97
11) Tert butyl alcohol	2.989	59	56413	269.965	ug/l	99
12) 1,1-Dichloroethene	2.307	96	50830	49.798	ug/l	99
13) Acrolein	2.239	56	72954	253.525	ug/l	99
14) Allyl chloride	2.654	41	97499	50.343	ug/l	100
15) Acrylonitrile	3.062	53	165292	250.585	ug/l	100
16) Acetone	2.386	43	161865	253.516	ug/l	100
17) Carbon Disulfide	2.502	76	104182	41.325	ug/l	99
18) Methyl Acetate	2.703	43	84288	57.338	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	187729	52.575	ug/l	99
20) Methylene Chloride	2.782	84	58832	49.219	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	50852	48.765	ug/l	98
22) Diisopropyl ether	3.764	45	198847	52.122	ug/l	99
23) Vinyl Acetate	3.721	43	873848	265.111	ug/l	100
24) 1,1-Dichloroethane	3.605	63	108725	50.393	ug/l	99
25) 2-Butanone	4.562	43	240910	257.767	ug/l	97
26) 2,2-Dichloropropane	4.465	77	67375	48.333	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	63347	49.861	ug/l	99
28) Bromochloromethane	4.891	49	52449	50.305	ug/l	98
29) Tetrahydrofuran	5.007	42	150436	248.271	ug/l	99
30) Chloroform	5.093	83	115303	51.937	ug/l	98
31) Cyclohexane	5.464	56	94228	49.402	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	97781	52.052	ug/l	99
36) 1,1-Dichloropropene	5.690	75	71942	49.231	ug/l	99
37) Ethyl Acetate	4.715	43	90799	49.305	ug/l	99
38) Carbon Tetrachloride	5.672	117	80326	50.861	ug/l	99
39) Methylcyclohexane	7.373	83	89534	49.983	ug/l	98
40) Benzene	6.031	78	221109	49.542	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	52779	54.318	ug/l	98
42) 1,2-Dichloroethane	6.080	62	96617	52.414	ug/l	100
43) Isopropyl Acetate	6.342	43	146495	52.486	ug/l	100
44) Trichloroethene	7.123	130	51451	48.503	ug/l	96
45) 1,2-Dichloropropane	7.428	63	57077	51.256	ug/l	96
46) Dibromomethane	7.574	93	43820	51.262	ug/l	99
47) Bromodichloromethane	7.818	83	87617	51.324	ug/l	99
48) Methyl methacrylate	7.690	41	77668	53.894	ug/l	98
49) 1,4-Dioxane	7.665	88	28610	1097.277	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	486142	262.737	ug/l	100
52) Toluene	8.714	92	136221	50.441	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	75649	46.260	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	83982	52.350	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	54803	50.925	ug/l	98
56) Ethyl methacrylate	9.116	69	90533	54.359	ug/l	100
57) 1,3-Dichloropropane	9.305	76	95888	51.169	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	222930	264.602	ug/l	100
59) 2-Hexanone	9.427	43	363571	265.343	ug/l	100
60) Dibromochloromethane	9.519	129	60467	51.540	ug/l	99
61) 1,2-Dibromoethane	9.610	107	56734	52.079	ug/l	99
64) Tetrachloroethene	9.269	164	44418	46.322	ug/l	98
65) Chlorobenzene	10.080	112	146564	50.502	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	50269	49.891	ug/l	99
67) Ethyl Benzene	10.189	91	265535	51.086	ug/l	100
68) m/p-Xylenes	10.299	106	194545	102.908	ug/l	99
69) o-Xylene	10.640	106	95196	51.117	ug/l	99
70) Styrene	10.653	104	162385	52.830	ug/l	99
71) Bromoform	10.799	173	37300	49.579	ug/l #	96
73) Isopropylbenzene	10.957	105	255251	49.173	ug/l	100
74) N-amyl acetate	10.842	43	131702	53.040	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	88102	48.315	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	74966m	47.425	ug/l	
77) Bromobenzene	11.195	156	57678	48.090	ug/l	98
78) n-propylbenzene	11.299	91	296438	49.580	ug/l	100
79) 2-Chlorotoluene	11.360	91	184259	48.206	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	215217	50.139	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	21716	46.625	ug/l	98
82) 4-Chlorotoluene	11.451	91	211805	49.699	ug/l	100
83) tert-Butylbenzene	11.713	119	214702	50.523	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	219694	50.994	ug/l	99
85) sec-Butylbenzene	11.890	105	265428	50.853	ug/l	100
86) p-Isopropyltoluene	12.006	119	215715	50.129	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	106298	48.689	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	105749	47.778	ug/l	99
89) n-Butylbenzene	12.329	91	189483	50.779	ug/l	100
90) Hexachloroethane	12.536	117	38264	51.740	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	106988	49.290	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20247	53.092	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	61861	51.200	ug/l	99
94) Hexachlorobutadiene	13.725	225	25737	49.434	ug/l	97
95) Naphthalene	13.774	128	235493	52.376	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	65172	51.513	ug/l	99

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

