

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030625\
 Data File : VX045181.D
 Acq On : 06 Mar 2025 20:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 07 00:51:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/10/2025
 Supervised By : Mahesh Dadoda 03/10/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	101949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	183844	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79727	49.164	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.320%		
35) Dibromofluoromethane	5.379	113	60621	49.313	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.620%		
50) Toluene-d8	8.647	98	219628	49.280	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.560%		
62) 4-Bromofluorobenzene	11.079	95	78591	53.216	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	106.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	63717	49.651	ug/l	96
3) Chloromethane	1.307	50	74699	47.565	ug/l	97
4) Vinyl Chloride	1.374	62	71939	46.176	ug/l	96
5) Bromomethane	1.593	94	28729	46.908	ug/l	100
6) Chloroethane	1.666	64	38322	53.328	ug/l	99
7) Trichlorofluoromethane	1.874	101	102085	49.498	ug/l	98
8) Diethyl Ether	2.130	74	36403	45.126	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	62211	52.503	ug/l	99
10) Methyl Iodide	2.441	142	78692	53.143	ug/l	99
11) Tert butyl alcohol	2.977	59	70407	229.215	ug/l	100
12) 1,1-Dichloroethene	2.307	96	61009	48.700	ug/l	97
13) Acrolein	2.233	56	77166	217.323	ug/l	99
14) Allyl chloride	2.654	41	112859	50.611	ug/l	99
15) Acrylonitrile	3.063	53	209937	255.013	ug/l	99
16) Acetone	2.386	43	184137	244.734	ug/l	97
17) Carbon Disulfide	2.502	76	146455	43.893	ug/l	97
18) Methyl Acetate	2.703	43	98366	54.345	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	209443	49.833	ug/l	100
20) Methylene Chloride	2.782	84	70465	47.279	ug/l	95
21) trans-1,2-Dichloroethene	3.081	96	60941	49.241	ug/l	95
22) Diisopropyl ether	3.758	45	228196	50.317	ug/l	89
23) Vinyl Acetate	3.721	43	998575	263.852	ug/l	99
24) 1,1-Dichloroethane	3.605	63	123148	48.452	ug/l	99
25) 2-Butanone	4.556	43	297444	262.634	ug/l	99
26) 2,2-Dichloropropane	4.471	77	71755	60.189	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	74900	49.025	ug/l	96
28) Bromochloromethane	4.891	49	57206	47.221	ug/l	99
29) Tetrahydrofuran	5.001	42	191801	252.184	ug/l	99
30) Chloroform	5.087	83	122245	48.406	ug/l	98
31) Cyclohexane	5.465	56	110267	49.978	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	100475	49.261	ug/l	99
36) 1,1-Dichloropropene	5.690	75	83193	49.347	ug/l	99
37) Ethyl Acetate	4.715	43	107987	49.709	ug/l	99
38) Carbon Tetrachloride	5.666	117	83377	48.713	ug/l	97
39) Methylcyclohexane	7.373	83	106340	52.641	ug/l	97
40) Benzene	6.032	78	261939	49.203	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	62043	52.819	ug/l	99
42) 1,2-Dichloroethane	6.080	62	94605	49.349	ug/l	99
43) Isopropyl Acetate	6.336	43	171666	53.440	ug/l	100
44) Trichloroethene	7.123	130	59670	47.735	ug/l	99
45) 1,2-Dichloropropane	7.428	63	68115	49.764	ug/l	100
46) Dibromomethane	7.574	93	48150	49.770	ug/l	99
47) Bromodichloromethane	7.818	83	94451	49.773	ug/l	98
48) Methyl methacrylate	7.690	41	85327	52.946	ug/l	98
49) 1,4-Dioxane	7.659	88	34394	1011.744	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	584672	271.072	ug/l	100
52) Toluene	8.714	92	157503	50.425	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	86076	54.257	ug/l	96
54) cis-1,3-Dichloropropene	8.360	75	97659	52.790	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	63804	49.620	ug/l	99
56) Ethyl methacrylate	9.116	69	107486	54.991	ug/l	97
57) 1,3-Dichloropropane	9.305	76	111425	50.072	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	267136	280.173	ug/l	99
59) 2-Hexanone	9.427	43	434993	278.350	ug/l	99
60) Dibromochloromethane	9.519	129	68455	50.915	ug/l	100
61) 1,2-Dibromoethane	9.604	107	64021	49.873	ug/l	99
64) Tetrachloroethene	9.269	164	49071	47.574	ug/l	97
65) Chlorobenzene	10.080	112	169415	49.714	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	55613	49.004	ug/l	99
67) Ethyl Benzene	10.189	91	302162	50.887	ug/l	99
68) m/p-Xylenes	10.299	106	223485	102.813	ug/l	98
69) o-Xylene	10.640	106	110657	50.475	ug/l	98
70) Styrene	10.653	104	189456	53.408	ug/l	99
71) Bromoform	10.799	173	43908	51.307	ug/l #	99
73) Isopropylbenzene	10.957	105	290437	50.227	ug/l	99
74) N-amyl acetate	10.842	43	149021	54.922	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	103133	48.603	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	83499m	48.425	ug/l	
77) Bromobenzene	11.195	156	66156	48.490	ug/l	98
78) n-propylbenzene	11.299	91	336243	51.476	ug/l	99
79) 2-Chlorotoluene	11.360	91	204850	49.242	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	238356	50.979	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	25768	51.141	ug/l	93
82) 4-Chlorotoluene	11.451	91	230090	50.749	ug/l	100
83) tert-Butylbenzene	11.713	119	241928	50.359	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	240568	51.135	ug/l	99
85) sec-Butylbenzene	11.890	105	303376	52.719	ug/l	99
86) p-Isopropyltoluene	12.006	119	242837	52.217	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	121842	50.061	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	118950	48.307	ug/l	99
89) n-Butylbenzene	12.329	91	217512	54.305	ug/l	100
90) Hexachloroethane	12.536	117	42100	50.049	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	119441	48.921	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21477	51.953	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	69854	50.246	ug/l	98
94) Hexachlorobutadiene	13.725	225	28436	49.891	ug/l	99
95) Naphthalene	13.774	128	274259	51.346	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	73278	49.964	ug/l	100

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

