

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042125\
 Data File : VX045873.D
 Acq On : 21 Apr 2025 15:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 22 01:24:14 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 04/22/2025
 Supervised By : Semsettin Yesilyurt 04/22/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	67779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	118152	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	102317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	55347	44.653	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.300%		
35) Dibromofluoromethane	5.373	113	38078	45.423	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.840%		
50) Toluene-d8	8.641	98	126415	43.205	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	86.400%		
62) 4-Bromofluorobenzene	11.079	95	47961	45.001	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	90.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	46915	46.284	ug/l	98
3) Chloromethane	1.300	50	47829	45.930	ug/l	99
4) Vinyl Chloride	1.374	62	44888	47.102	ug/l	98
5) Bromomethane	1.599	94	20954	46.372	ug/l	97
6) Chloroethane	1.678	64	25263	49.965	ug/l	99
7) Trichlorofluoromethane	1.880	101	70415	49.550	ug/l	99
8) Diethyl Ether	2.130	74	22259	46.654	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	40959	49.186	ug/l	98
10) Methyl Iodide	2.447	142	52750	50.786	ug/l	99
11) Tert butyl alcohol	2.959	59	38624	231.866	ug/l	99
12) 1,1-Dichloroethene	2.312	96	39030	47.967	ug/l	98
13) Acrolein	2.233	56	47774	208.264	ug/l	97
14) Allyl chloride	2.660	41	77298	50.067	ug/l	99
15) Acrylonitrile	3.056	53	122273	232.533	ug/l	99
16) Acetone	2.373	43	113079	222.170	ug/l	98
17) Carbon Disulfide	2.508	76	97876	48.702	ug/l	100
18) Methyl Acetate	2.703	43	56540	48.249	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	134575	47.279	ug/l	100
20) Methylene Chloride	2.782	84	45363	47.607	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	39362	47.351	ug/l	94
22) Diisopropyl ether	3.751	45	140510	46.202	ug/l #	85
23) Vinyl Acetate	3.715	43	636545	242.255	ug/l	100
24) 1,1-Dichloroethane	3.599	63	80694	46.917	ug/l	99
25) 2-Butanone	4.544	43	169064	226.921	ug/l	100
26) 2,2-Dichloropropane	4.465	77	60735	54.656	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	48222	47.614	ug/l	98
28) Bromochloromethane	4.885	49	37295	44.872	ug/l	97
29) Tetrahydrofuran	4.989	42	107572	222.702	ug/l	99
30) Chloroform	5.080	83	84787	47.909	ug/l	97
31) Cyclohexane	5.452	56	69701	45.841	ug/l	95
32) 1,1,1-Trichloroethane	5.367	97	72172	48.195	ug/l	98
36) 1,1-Dichloropropene	5.678	75	54931	48.532	ug/l	98
37) Ethyl Acetate	4.702	43	66406	46.556	ug/l	100
38) Carbon Tetrachloride	5.666	117	61504	50.279	ug/l	96
39) Methylcyclohexane	7.373	83	69259	49.919	ug/l	97
40) Benzene	6.025	78	162930	47.133	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	37986	50.473	ug/l	98
42) 1,2-Dichloroethane	6.074	62	69947	48.991	ug/l	99
43) Isopropyl Acetate	6.330	43	100736	46.597	ug/l	99
44) Trichloroethene	7.116	130	39008	47.476	ug/l	97
45) 1,2-Dichloropropane	7.421	63	40759	47.257	ug/l	94
46) Dibromomethane	7.574	93	32028	48.373	ug/l	99
47) Bromodichloromethane	7.811	83	65365	49.435	ug/l	99
48) Methyl methacrylate	7.683	41	52795	47.298	ug/l	98
49) 1,4-Dioxane	7.653	88	20818	1030.841	ug/l	99
51) 4-Methyl-2-Pentanone	8.567	43	327010	228.178	ug/l	100
52) Toluene	8.714	92	99717	47.672	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	57595	45.511	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	64230	51.692	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	38928	46.703	ug/l	97
56) Ethyl methacrylate	9.110	69	61828	47.930	ug/l	99
57) 1,3-Dichloropropane	9.305	76	68557	47.233	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.232	63	138288	211.916	ug/l	99
59) 2-Hexanone	9.427	43	240054	226.194	ug/l	99
60) Dibromochloromethane	9.512	129	45264	49.812	ug/l	99
61) 1,2-Dibromoethane	9.604	107	40760	48.307	ug/l	98
64) Tetrachloroethene	9.269	164	34395	47.613	ug/l	97
65) Chlorobenzene	10.073	112	106032	48.497	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	36273	47.787	ug/l	99
67) Ethyl Benzene	10.189	91	190559	48.665	ug/l	100
68) m/p-Xylenes	10.299	106	138269	97.086	ug/l	100
69) o-Xylene	10.640	106	67681	48.241	ug/l	100
70) Styrene	10.652	104	115586	49.916	ug/l	99
71) Bromoform	10.793	173	28447	50.192	ug/l #	96
73) Isopropylbenzene	10.957	105	180162	47.303	ug/l	100
74) N-amyl acetate	10.841	43	82401	45.229	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	58677	43.857	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	52368m	45.152	ug/l	
77) Bromobenzene	11.195	156	41286	46.916	ug/l	99
78) n-propylbenzene	11.299	91	210824	48.057	ug/l	100
79) 2-Chlorotoluene	11.360	91	128471	45.808	ug/l	100
80) 1,3,5-Trimethylbenzene	11.445	105	149846	47.579	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.012	75	15657	45.816	ug/l	97
82) 4-Chlorotoluene	11.451	91	149764	47.895	ug/l	99
83) tert-Butylbenzene	11.713	119	148341	47.575	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	151403	47.897	ug/l	99
85) sec-Butylbenzene	11.884	105	185598	48.463	ug/l	100
86) p-Isopropyltoluene	12.006	119	152607	48.334	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	74665	46.611	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	75954	46.771	ug/l	99
89) n-Butylbenzene	12.329	91	139628	50.998	ug/l	99
90) Hexachloroethane	12.536	117	27656	50.968	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	74127	46.545	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14371	51.360	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	44436	50.126	ug/l	99
94) Hexachlorobutadiene	13.719	225	18678	48.895	ug/l	98
95) Naphthalene	13.774	128	155668	47.187	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	45180	48.671	ug/l	99

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

