

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040825\
 Data File : VX045662.D
 Acq On : 08 Apr 2025 19:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 09 01:44:40 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 04/09/2025
 Supervised By : Mahesh Dadoda 04/09/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	88834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	157756	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	139525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	83942	51.671	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.340%			
35) Dibromofluoromethane	5.379	113	57560	51.426	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.860%			
50) Toluene-d8	8.647	98	197168	50.469	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.940%			
62) 4-Bromofluorobenzene	11.079	95	76332	53.641	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	73113	55.034	ug/l	98
3) Chloromethane	1.301	50	68170	49.948	ug/l	98
4) Vinyl Chloride	1.374	62	63337	50.709	ug/l	100
5) Bromomethane	1.593	94	28085	47.422	ug/l	98
6) Chloroethane	1.666	64	36150	54.551	ug/l	99
7) Trichlorofluoromethane	1.874	101	96374	51.743	ug/l	98
8) Diethyl Ether	2.130	74	31341	50.120	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	56947	52.177	ug/l	98
10) Methyl Iodide	2.447	142	71617	52.608	ug/l	99
11) Tert butyl alcohol	2.977	59	62609	286.769	ug/l	100
12) 1,1-Dichloroethene	2.313	96	53222	49.906	ug/l	94
13) Acrolein	2.233	56	81679	271.675	ug/l	98
14) Allyl chloride	2.660	41	104668	51.727	ug/l	100
15) Acrylonitrile	3.062	53	183869	266.796	ug/l	99
16) Acetone	2.386	43	176057	263.921	ug/l	100
17) Carbon Disulfide	2.502	76	120211	45.639	ug/l	99
18) Methyl Acetate	2.703	43	88520	57.635	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	196903	52.780	ug/l	99
20) Methylene Chloride	2.782	84	62347	49.923	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	53497	49.101	ug/l	100
22) Diisopropyl ether	3.757	45	207438	52.043	ug/l #	87
23) Vinyl Acetate	3.721	43	934337	271.309	ug/l	99
24) 1,1-Dichloroethane	3.605	63	113797	50.482	ug/l	99
25) 2-Butanone	4.556	43	265479	271.875	ug/l	100
26) 2,2-Dichloropropane	4.465	77	75143	51.594	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	66561	50.144	ug/l	99
28) Bromochloromethane	4.891	49	53283	48.914	ug/l	99
29) Tetrahydrofuran	5.001	42	166410	262.858	ug/l	99
30) Chloroform	5.093	83	118475	51.078	ug/l	100
31) Cyclohexane	5.458	56	99271	49.814	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	101588	51.760	ug/l	99
36) 1,1-Dichloropropene	5.690	75	76456	50.591	ug/l	99
37) Ethyl Acetate	4.715	43	100104	52.562	ug/l	100
38) Carbon Tetrachloride	5.672	117	85027	52.059	ug/l	99
39) Methylcyclohexane	7.379	83	96012	51.829	ug/l	99
40) Benzene	6.031	78	231890	50.241	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	55526	55.257	ug/l	99
42) 1,2-Dichloroethane	6.080	62	99648	52.272	ug/l	100
43) Isopropyl Acetate	6.336	43	156957	54.376	ug/l	99
44) Trichloroethene	7.123	130	54171	49.380	ug/l	93
45) 1,2-Dichloropropane	7.427	63	58931	51.173	ug/l	96
46) Dibromomethane	7.574	93	46237	52.302	ug/l	99
47) Bromodichloromethane	7.818	83	91715	51.950	ug/l	95
48) Methyl methacrylate	7.690	41	81380	54.604	ug/l	98
49) 1,4-Dioxane	7.659	88	30191	1119.658	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	533637	278.877	ug/l	100
52) Toluene	8.714	92	141902	50.809	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	80499	47.533	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	90133	54.328	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	57736	51.878	ug/l	97
56) Ethyl methacrylate	9.116	69	96822	56.214	ug/l	100
57) 1,3-Dichloropropane	9.305	76	101931	52.596	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	235009	269.723	ug/l	99
59) 2-Hexanone	9.427	43	396272	279.654	ug/l	100
60) Dibromochloromethane	9.519	129	64447	53.118	ug/l	99
61) 1,2-Dibromoethane	9.610	107	58798	52.190	ug/l	100
64) Tetrachloroethene	9.269	164	45867	46.561	ug/l	98
65) Chlorobenzene	10.079	112	152037	50.995	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	53176	51.373	ug/l	98
67) Ethyl Benzene	10.189	91	277580	51.984	ug/l	100
68) m/p-Xylenes	10.299	106	204717	105.410	ug/l	100
69) o-Xylene	10.640	106	100313	52.433	ug/l	98
70) Styrene	10.652	104	170575	54.019	ug/l	99
71) Bromoform	10.799	173	41475	53.663	ug/l #	99
73) Isopropylbenzene	10.957	105	269604	50.498	ug/l	100
74) N-amyl acetate	10.841	43	139081	54.459	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	91223	48.640	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	79831m	49.103	ug/l	
77) Bromobenzene	11.195	156	61658	49.983	ug/l	99
78) n-propylbenzene	11.299	91	311617	50.673	ug/l	100
79) 2-Chlorotoluene	11.360	91	194347	49.435	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	226480	51.300	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24457	51.054	ug/l	99
82) 4-Chlorotoluene	11.451	91	223524	50.995	ug/l	100
83) tert-Butylbenzene	11.713	119	226749	51.878	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	228322	51.528	ug/l	100
85) sec-Butylbenzene	11.890	105	280002	52.158	ug/l	100
86) p-Isopropyltoluene	12.006	119	229915	51.948	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	110496	49.208	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	108885	47.831	ug/l	98
89) n-Butylbenzene	12.329	91	202993	52.891	ug/l	99
90) Hexachloroethane	12.536	117	39338	51.718	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	110221	49.372	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21319	54.353	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	63040	50.730	ug/l	98
94) Hexachlorobutadiene	13.725	225	26093	48.728	ug/l	98
95) Naphthalene	13.774	128	242180	52.370	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	64855	49.841	ug/l	99

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

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