

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031225\
 Data File : VX045238.D
 Acq On : 12 Mar 2025 10:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 13 01:36:12 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 03/13/2025
 Supervised By :Mahesh Dadoda 03/13/2025

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	103487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	178691	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	77670	47.184	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.360%			
35) Dibromofluoromethane	5.379	113	60262	50.434	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.860%			
50) Toluene-d8	8.647	98	210656	48.630	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.260%			
62) 4-Bromofluorobenzene	11.079	95	72321	50.383	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.760%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	64428	49.459	ug/l	97
3) Chloromethane	1.306	50	70980	44.525	ug/l	100
4) Vinyl Chloride	1.373	62	71024	44.911	ug/l	98
5) Bromomethane	1.593	94	28738	46.226	ug/l	100
6) Chloroethane	1.660	64	34403	47.163	ug/l	99
7) Trichlorofluoromethane	1.867	101	101402	48.436	ug/l	100
8) Diethyl Ether	2.129	74	35526	43.384	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.312	101	65247	54.247	ug/l	100
10) Methyl Iodide	2.440	142	77742	51.721	ug/l	98
11) Tert butyl alcohol	2.983	59	57025	182.890	ug/l	98
12) 1,1-Dichloroethene	2.306	96	61960	48.725	ug/l	95
13) Acrolein	2.233	56	72068	199.949	ug/l	100
14) Allyl chloride	2.654	41	115209	50.897	ug/l	98
15) Acrylonitrile	3.062	53	206979	247.683	ug/l	99
16) Acetone	2.385	43	178769	234.069	ug/l	98
17) Carbon Disulfide	2.501	76	146295	43.194	ug/l	96
18) Methyl Acetate	2.702	43	104831	57.056	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	208220	48.805	ug/l	98
20) Methylene Chloride	2.782	84	71555	47.297	ug/l	98
21) trans-1,2-Dichloroethene	3.080	96	61640	49.065	ug/l	98
22) Diisopropyl ether	3.757	45	230699	50.113	ug/l	91
23) Vinyl Acetate	3.721	43	982839	255.834	ug/l	100
24) 1,1-Dichloroethane	3.605	63	125762	48.745	ug/l	99
25) 2-Butanone	4.556	43	288524	250.972	ug/l	98
26) 2,2-Dichloropropane	4.464	77	84970	70.215	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	76911	49.593	ug/l	96
28) Bromochloromethane	4.891	49	60817	49.455	ug/l	98
29) Tetrahydrofuran	5.007	42	183826	238.107	ug/l	99
30) Chloroform	5.086	83	127343	49.675	ug/l	99
31) Cyclohexane	5.458	56	109954	49.096	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	102657	49.582	ug/l	98
36) 1,1-Dichloropropene	5.684	75	82200	50.164	ug/l	99
37) Ethyl Acetate	4.714	43	106925	50.640	ug/l	99
38) Carbon Tetrachloride	5.665	117	86162	51.792	ug/l	98
39) Methylcyclohexane	7.372	83	108454	55.236	ug/l	96
40) Benzene	6.031	78	263814	50.984	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	62075	54.370	ug/l	99
42) 1,2-Dichloroethane	6.080	62	98340	52.777	ug/l	98
43) Isopropyl Acetate	6.336	43	165899	53.134	ug/l	100
44) Trichloroethene	7.122	130	62545	51.477	ug/l	93
45) 1,2-Dichloropropane	7.427	63	67501	50.738	ug/l	100
46) Dibromomethane	7.574	93	49669	52.820	ug/l	97
47) Bromodichloromethane	7.817	83	98418	53.359	ug/l	97
48) Methyl methacrylate	7.689	41	84926	54.217	ug/l	97
49) 1,4-Dioxane	7.665	88	29129	881.577	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	560361	267.292	ug/l	100
52) Toluene	8.714	92	158015	52.048	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	87297	56.614	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	100008	55.619	ug/l	92
55) 1,1,2-Trichloroethane	9.146	97	64282	51.433	ug/l	99
56) Ethyl methacrylate	9.116	69	103151	54.295	ug/l	98
57) 1,3-Dichloropropane	9.305	76	110498	51.088	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	252540	272.503	ug/l	99
59) 2-Hexanone	9.427	43	402089	264.714	ug/l	99
60) Dibromochloromethane	9.518	129	70119	53.657	ug/l	98
61) 1,2-Dibromoethane	9.610	107	65196	52.253	ug/l	98
64) Tetrachloroethene	9.268	164	51914	52.291	ug/l	93
65) Chlorobenzene	10.079	112	170219	51.896	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	56871	52.065	ug/l	97
67) Ethyl Benzene	10.189	91	305213	53.404	ug/l	98
68) m/p-Xylenes	10.299	106	226136	108.086	ug/l	100
69) o-Xylene	10.640	106	111458	52.821	ug/l	99
70) Styrene	10.652	104	185074	54.206	ug/l	99
71) Bromoform	10.799	173	43586	52.915	ug/l #	99
73) Isopropylbenzene	10.957	105	289454	53.664	ug/l	99
74) N-amyl acetate	10.841	43	135717	53.623	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	98799	49.915	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	79716m	49.562	ug/l	
77) Bromobenzene	11.195	156	63463	49.867	ug/l	96
78) n-propylbenzene	11.305	91	339244	55.677	ug/l	99
79) 2-Chlorotoluene	11.359	91	199628	51.445	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	233921	53.635	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	26430	56.234	ug/l	95
82) 4-Chlorotoluene	11.451	91	224700	53.131	ug/l	99
83) tert-Butylbenzene	11.713	119	234893	52.418	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	232840	53.059	ug/l	99
85) sec-Butylbenzene	11.890	105	299296	55.757	ug/l	98
86) p-Isopropyltoluene	12.006	119	242520	55.906	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	118773	52.316	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	115129	50.124	ug/l	98
89) n-Butylbenzene	12.329	91	222544	59.564	ug/l	99
90) Hexachloroethane	12.536	117	41457	52.836	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	116879	51.320	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	20186	52.348	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	71214	54.915	ug/l	100
94) Hexachlorobutadiene	13.725	225	29653	55.774	ug/l	99
95) Naphthalene	13.774	128	264311	53.049	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	73996	54.089	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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