

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022525\
 Data File : VX045042.D
 Acq On : 25 Feb 2025 16:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/26/2025
 Supervised By : Mahesh Dadoda 02/26/2025

Quant Time: Feb 26 03:18:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	101525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	181291	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65263	43.914	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.820%		
35) Dibromofluoromethane	5.385	113	52051	44.160	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.320%		
50) Toluene-d8	8.647	98	189599	42.538	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	85.080%#		
62) 4-Bromofluorobenzene	11.079	95	68375	45.505	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	67197	47.191	ug/l	99
3) Chloromethane	1.307	50	73673	42.510	ug/l	98
4) Vinyl Chloride	1.374	62	74122	44.148	ug/l	99
5) Bromomethane	1.593	94	26080	51.910	ug/l	97
6) Chloroethane	1.666	64	40050	65.667	ug/l	99
7) Trichlorofluoromethane	1.874	101	104892	49.402	ug/l	99
8) Diethyl Ether	2.130	74	38078	49.451	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	62754	48.918	ug/l	98
10) Methyl Iodide	2.440	142	67667	40.700	ug/l	98
11) Tert butyl alcohol	2.977	59	77483	281.037	ug/l	100
12) 1,1-Dichloroethene	2.306	96	59655	45.588	ug/l	95
13) Acrolein	2.233	56	72712	255.616	ug/l	99
14) Allyl chloride	2.654	41	113275	47.898	ug/l	97
15) Acrylonitrile	3.062	53	210213	285.568	ug/l	98
16) Acetone	2.386	43	178266	298.382	ug/l	97
17) Carbon Disulfide	2.501	76	142557	39.728	ug/l	100
18) Methyl Acetate	2.703	43	118283	62.739	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	202983	48.753	ug/l	99
20) Methylene Chloride	2.782	84	70354	48.077	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	59522	46.216	ug/l	95
22) Diisopropyl ether	3.757	45	227456	50.838	ug/l	94
23) Vinyl Acetate	3.721	43	923900	253.291	ug/l	99
24) 1,1-Dichloroethane	3.605	63	123599	49.371	ug/l	100
25) 2-Butanone	4.556	43	295559	304.657	ug/l	95
26) 2,2-Dichloropropane	4.465	77	83886	42.253	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	74648	48.253	ug/l	99
28) Bromochloromethane	4.891	49	55770	46.355	ug/l	99
29) Tetrahydrofuran	5.001	42	190035	294.997	ug/l	98
30) Chloroform	5.086	83	122880	50.613	ug/l	100
31) Cyclohexane	5.458	56	104875	45.441	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	101440	49.259	ug/l	98
36) 1,1-Dichloropropene	5.684	75	81048	47.660	ug/l	100
37) Ethyl Acetate	4.714	43	107870	57.029	ug/l	99
38) Carbon Tetrachloride	5.672	117	82597	49.565	ug/l	97
39) Methylcyclohexane	7.373	83	106224	48.316	ug/l	98
40) Benzene	6.031	78	261113	49.173	ug/l	99

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41) Methacrylonitrile	4.916	41	61329	60.575	ug/l	98
42) 1,2-Dichloroethane	6.080	62	92805	54.837	ug/l	99
43) Isopropyl Acetate	6.336	43	166895	54.640	ug/l	99
44) Trichloroethene	7.123	130	60229	49.623	ug/l	97
45) 1,2-Dichloropropane	7.427	63	66819	50.580	ug/l	99
46) Dibromomethane	7.580	93	48023	52.418	ug/l	99
47) Bromodichloromethane	7.818	83	95545	53.860	ug/l	98
48) Methyl methacrylate	7.690	41	84221	58.478	ug/l	96
49) 1,4-Dioxane	7.659	88	38186	1235.809	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	583086	314.005	ug/l	97
52) Toluene	8.714	92	159793	50.528	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	89317	49.754	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	100279	50.101	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	64638	53.170	ug/l	98
56) Ethyl methacrylate	9.116	69	107605	54.804	ug/l	98
57) 1,3-Dichloropropane	9.305	76	112282	52.787	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	247138	256.347	ug/l	100
59) 2-Hexanone	9.427	43	432203	323.037	ug/l	97
60) Dibromochloromethane	9.518	129	70395	54.145	ug/l	99
61) 1,2-Dibromoethane	9.610	107	65764	53.373	ug/l	97
64) Tetrachloroethene	9.269	164	49089	47.807	ug/l	98
65) Chlorobenzene	10.079	112	174998	50.041	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	57484	51.070	ug/l	99
67) Ethyl Benzene	10.189	91	307513	49.830	ug/l	99
68) m/p-Xylenes	10.299	106	229102	100.639	ug/l	100
69) o-Xylene	10.640	106	113531	49.701	ug/l	99
70) Styrene	10.652	104	193148	52.483	ug/l	99
71) Bromoform	10.799	173	46194	54.990	ug/l #	99
73) Isopropylbenzene	10.963	105	296079	48.748	ug/l	99
74) N-amyl acetate	10.841	43	143282	52.132	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	105710	50.649	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	86868m	51.941	ug/l	
77) Bromobenzene	11.195	156	68416	49.685	ug/l	97
78) n-propylbenzene	11.305	91	344974	49.208	ug/l	100
79) 2-Chlorotoluene	11.360	91	207089	48.064	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	239463	48.584	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	28287	43.508	ug/l	92
82) 4-Chlorotoluene	11.451	91	233290	48.941	ug/l	99
83) tert-Butylbenzene	11.713	119	247205	49.578	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	246524	50.676	ug/l	100
85) sec-Butylbenzene	11.890	105	311825	50.503	ug/l	100
86) p-Isopropyltoluene	12.006	119	252793	50.912	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	123315	48.698	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	124506	48.630	ug/l	100
89) n-Butylbenzene	12.329	91	229601	52.268	ug/l	99
90) Hexachloroethane	12.536	117	44121	47.456	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	123772	49.733	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21247	55.778	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	75398	50.067	ug/l	98
94) Hexachlorobutadiene	13.725	225	31425	52.565	ug/l	98
95) Naphthalene	13.774	128	282517	51.898	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	76093	50.145	ug/l	99

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

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