

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012725\
 Data File : VX044734.D
 Acq On : 27 Jan 2025 19:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/28/2025
 Supervised By : Mahesh Dadoda 01/28/2025

Quant Time: Jan 28 04:17:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	172951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	325756	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	269229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	114515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	123215	47.199	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.400%		
35) Dibromofluoromethane	5.379	113	104400	50.447	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.900%		
50) Toluene-d8	8.647	98	374057	51.838	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.680%		
62) 4-Bromofluorobenzene	11.079	95	125660	46.714	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	111723	48.005	ug/l	99
3) Chloromethane	1.307	50	128721	51.146	ug/l	98
4) Vinyl Chloride	1.374	62	132495	53.282	ug/l	98
5) Bromomethane	1.593	94	32222	54.267	ug/l	97
6) Chloroethane	1.660	64	31340m	68.728	ug/l	
7) Trichlorofluoromethane	1.867	101	160029	58.228	ug/l	98
8) Diethyl Ether	2.136	74	57882	52.188	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	108656	52.594	ug/l	98
10) Methyl Iodide	2.447	142	146080	51.790	ug/l	97
11) Tert butyl alcohol	2.989	59	133813	229.927	ug/l #	85
12) 1,1-Dichloroethene	2.306	96	111815	55.215	ug/l	96
13) Acrolein	2.239	56	90124	329.074	ug/l	99
14) Allyl chloride	2.654	41	200564	50.867	ug/l	97
15) Acrylonitrile	3.062	53	318594	279.107	ug/l	99
16) Acetone	2.386	43	259537	251.283	ug/l	96
17) Carbon Disulfide	2.501	76	295781	53.527	ug/l	99
18) Methyl Acetate	2.703	43	186114	58.407	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	371345	50.627	ug/l	98
20) Methylene Chloride	2.782	84	123457	51.328	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	110052	52.052	ug/l	98
22) Diisopropyl ether	3.757	45	381220	55.621	ug/l	98
23) Vinyl Acetate	3.721	43	1606823	267.851	ug/l	100
24) 1,1-Dichloroethane	3.605	63	217085	53.411	ug/l	99
25) 2-Butanone	4.556	43	423266	275.626	ug/l	100
26) 2,2-Dichloropropane	4.471	77	166555	42.282	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	135627	50.998	ug/l	97
28) Bromochloromethane	4.891	49	103327	54.405	ug/l	95
29) Tetrahydrofuran	5.001	42	277269	279.917	ug/l	97
30) Chloroform	5.086	83	207669	50.629	ug/l	98
31) Cyclohexane	5.464	56	185760	56.510	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	177763	47.142	ug/l	99
36) 1,1-Dichloropropene	5.684	75	142861	49.591	ug/l	99
37) Ethyl Acetate	4.714	43	168109	54.798	ug/l	98
38) Carbon Tetrachloride	5.666	117	150574	46.468	ug/l	97
39) Methylcyclohexane	7.373	83	191661	50.118	ug/l	98
40) Benzene	6.031	78	464502	52.035	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	93115	52.088	ug/l	99
42) 1,2-Dichloroethane	6.080	62	149994	46.037	ug/l	100
43) Isopropyl Acetate	6.336	43	280126	49.636	ug/l	99
44) Trichloroethene	7.123	130	107262	49.981	ug/l	95
45) 1,2-Dichloropropane	7.427	63	117332	52.217	ug/l	98
46) Dibromomethane	7.574	93	82056	47.970	ug/l	99
47) Bromodichloromethane	7.818	83	164495	46.892	ug/l	99
48) Methyl methacrylate	7.690	41	133656	51.021	ug/l	98
49) 1,4-Dioxane	7.665	88	52370	958.191	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	804760	258.036	ug/l	100
52) Toluene	8.714	92	275818	50.481	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	168742	46.558	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	187397	47.685	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	108031	48.870	ug/l	97
56) Ethyl methacrylate	9.116	69	185430	48.786	ug/l	100
57) 1,3-Dichloropropane	9.305	76	185086	49.168	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	417955	223.982	ug/l	98
59) 2-Hexanone	9.427	43	589548	256.939	ug/l	100
60) Dibromochloromethane	9.518	129	120124	46.299	ug/l	100
61) 1,2-Dibromoethane	9.604	107	110375	47.644	ug/l	100
64) Tetrachloroethene	9.269	164	82704	48.921	ug/l	99
65) Chlorobenzene	10.073	112	285275	49.886	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	98702	47.492	ug/l	99
67) Ethyl Benzene	10.189	91	508128	50.924	ug/l	100
68) m/p-Xylenes	10.299	106	375897	101.518	ug/l	98
69) o-Xylene	10.640	106	186721	49.864	ug/l	99
70) Styrene	10.652	104	306315	50.666	ug/l	98
71) Bromoform	10.799	173	78698	46.525	ug/l #	98
73) Isopropylbenzene	10.957	105	467702	49.995	ug/l	99
74) N-amyl acetate	10.841	43	230784	50.050	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	162476	50.287	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	134928m	48.551	ug/l	
77) Bromobenzene	11.195	156	105832	48.400	ug/l	97
78) n-propylbenzene	11.299	91	537719	52.120	ug/l	98
79) 2-Chlorotoluene	11.360	91	324771	48.732	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	377028	49.507	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	58035	47.755	ug/l	98
82) 4-Chlorotoluene	11.451	91	360773	49.417	ug/l	99
83) tert-Butylbenzene	11.713	119	384493	48.285	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	375017	48.458	ug/l	99
85) sec-Butylbenzene	11.890	105	468207	50.498	ug/l	100
86) p-Isopropyltoluene	12.006	119	384326	50.439	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	191747	50.565	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	186749	48.716	ug/l	99
89) n-Butylbenzene	12.329	91	337088	51.507	ug/l	99
90) Hexachloroethane	12.536	117	81232	47.079	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	191751	49.238	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	33494	42.388	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	116141	49.887	ug/l	99
94) Hexachlorobutadiene	13.725	225	43217	47.259	ug/l	98
95) Naphthalene	13.774	128	446363	49.711	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	118806	49.232	ug/l	99

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

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