

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
 Data File : VX045684.D
 Acq On : 09 Apr 2025 18:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/10/2025
 Supervised By : Mahesh Dadoda 04/10/2025

Quant Time: Apr 10 01:37:31 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	55079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	100937	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	88073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	40066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	50199	49.838	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.680%		
35) Dibromofluoromethane	5.385	113	33711	47.073	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.140%		
50) Toluene-d8	8.647	98	115431	46.179	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.360%		
62) 4-Bromofluorobenzene	11.079	95	43115	47.353	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	36520	44.336	ug/l	98
3) Chloromethane	1.300	50	36123	42.687	ug/l	97
4) Vinyl Chloride	1.374	62	32892	42.473	ug/l	99
5) Bromomethane	1.593	94	14124	38.464	ug/l	99
6) Chloroethane	1.672	64	18617	45.311	ug/l	100
7) Trichlorofluoromethane	1.880	101	49530	42.890	ug/l	97
8) Diethyl Ether	2.130	74	15983	41.224	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	27997	41.373	ug/l	98
10) Methyl Iodide	2.447	142	37971	44.986	ug/l	98
11) Tert butyl alcohol	2.965	59	27783	205.243	ug/l	99
12) 1,1-Dichloroethene	2.313	96	28167	42.598	ug/l	94
13) Acrolein	2.233	56	34487	185.007	ug/l	97
14) Allyl chloride	2.660	41	55121	43.935	ug/l	99
15) Acrylonitrile	3.062	53	94919	222.135	ug/l	100
16) Acetone	2.380	43	88947	215.053	ug/l	96
17) Carbon Disulfide	2.508	76	61296	37.533	ug/l	99
18) Methyl Acetate	2.703	43	46279	48.598	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	97437	42.125	ug/l	99
20) Methylene Chloride	2.782	84	33119	42.772	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	28527	42.229	ug/l	96
22) Diisopropyl ether	3.757	45	101777	41.183	ug/l #	86
23) Vinyl Acetate	3.715	43	459111	215.016	ug/l	100
24) 1,1-Dichloroethane	3.605	63	59227	42.376	ug/l	100
25) 2-Butanone	4.556	43	130119	214.918	ug/l	99
26) 2,2-Dichloropropane	4.471	77	38432	42.560	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	35231	42.808	ug/l	98
28) Bromochloromethane	4.891	49	33598	49.745	ug/l	99
29) Tetrahydrofuran	5.001	42	82210	209.440	ug/l	99
30) Chloroform	5.086	83	62103	43.183	ug/l	95
31) Cyclohexane	5.464	56	50044	40.502	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	51022	41.928	ug/l	99
36) 1,1-Dichloropropene	5.684	75	39330	40.674	ug/l	99
37) Ethyl Acetate	4.708	43	47287	38.806	ug/l	99
38) Carbon Tetrachloride	5.672	117	42032	40.221	ug/l	96
39) Methylcyclohexane	7.373	83	49107	41.431	ug/l	99
40) Benzene	6.031	78	120362	40.757	ug/l	98

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41) Methacrylonitrile	4.916	41	28203	43.866	ug/l	99
42) 1,2-Dichloroethane	6.080	62	53805	44.112	ug/l	100
43) Isopropyl Acetate	6.342	43	74858	40.532	ug/l	99
44) Trichloroethene	7.123	130	27301	38.895	ug/l	87
45) 1,2-Dichloropropane	7.427	63	30918	41.961	ug/l	94
46) Dibromomethane	7.580	93	24095	42.599	ug/l	99
47) Bromodichloromethane	7.818	83	46507	41.172	ug/l	97
48) Methyl methacrylate	7.690	41	39075	40.977	ug/l	99
49) 1,4-Dioxane	7.659	88	15427	894.180	ug/l	96
51) 4-Methyl-2-Pentanone	8.567	43	249047	203.415	ug/l	100
52) Toluene	8.714	92	72421	40.527	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	38415	36.034	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	45003	42.395	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	29857	41.929	ug/l	97
56) Ethyl methacrylate	9.116	69	45896	41.647	ug/l	99
57) 1,3-Dichloropropane	9.305	76	51679	41.677	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	123953	222.345	ug/l	99
59) 2-Hexanone	9.427	43	184938	203.980	ug/l	99
60) Dibromochloromethane	9.519	129	31404	40.454	ug/l	99
61) 1,2-Dibromoethane	9.604	107	30417	42.197	ug/l	100
64) Tetrachloroethene	9.269	164	24407	39.251	ug/l	97
65) Chlorobenzene	10.079	112	77724	41.299	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.159	131	26369	40.357	ug/l	99
67) Ethyl Benzene	10.189	91	136263	40.427	ug/l	97
68) m/p-Xylenes	10.299	106	100898	82.303	ug/l	100
69) o-Xylene	10.640	106	49551	41.031	ug/l	99
70) Styrene	10.652	104	84345	42.316	ug/l	99
71) Bromoform	10.799	173	18996	38.937	ug/l #	97
73) Isopropylbenzene	10.957	105	130986	40.814	ug/l	99
74) N-amyl acetate	10.841	43	62547	40.742	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	45914	40.726	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	41595m	42.561	ug/l	
77) Bromobenzene	11.195	156	30430	41.037	ug/l	99
78) n-propylbenzene	11.299	91	148285	40.114	ug/l	100
79) 2-Chlorotoluene	11.360	91	94823	40.124	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	107950	40.677	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10015	34.779	ug/l	91
82) 4-Chlorotoluene	11.451	91	106983	40.603	ug/l	100
83) tert-Butylbenzene	11.713	119	106494	40.532	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	109502	41.110	ug/l	98
85) sec-Butylbenzene	11.890	105	131797	40.841	ug/l	99
86) p-Isopropyltoluene	12.006	119	106090	39.876	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	53819	39.872	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	53379	39.008	ug/l	97
89) n-Butylbenzene	12.329	91	93277	40.431	ug/l	99
90) Hexachloroethane	12.536	117	17568	38.423	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	56123	41.821	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9543	40.474	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	30420	40.723	ug/l	98
94) Hexachlorobutadiene	13.725	225	12566	39.038	ug/l	97
95) Naphthalene	13.774	128	117724	42.349	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	31242	39.941	ug/l	98

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

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