

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
 Data File : VX045839.D
 Acq On : 17 Apr 2025 19:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/18/2025
 Supervised By : Mahesh Dadoda 04/18/2025

Quant Time: Apr 18 03:43:44 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	86580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	153599	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	135199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	81950	51.758	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.520%			
35) Dibromofluoromethane	5.379	113	55903	51.297	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.600%			
50) Toluene-d8	8.647	98	193731	50.931	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.860%			
62) 4-Bromofluorobenzene	11.079	95	76701	55.359	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	61565	47.548	ug/l	99
3) Chloromethane	1.300	50	63511	47.746	ug/l	99
4) Vinyl Chloride	1.374	62	58914	48.395	ug/l	96
5) Bromomethane	1.593	94	26122	45.256	ug/l	98
6) Chloroethane	1.666	64	33720	52.209	ug/l	95
7) Trichlorofluoromethane	1.874	101	92076	50.722	ug/l	97
8) Diethyl Ether	2.130	74	30262	49.655	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	52882	49.714	ug/l	99
10) Methyl Iodide	2.447	142	70300	52.985	ug/l	98
11) Tert butyl alcohol	2.977	59	49681	233.479	ug/l	98
12) 1,1-Dichloroethene	2.312	96	52541	50.550	ug/l	100
13) Acrolein	2.233	56	60086	205.057	ug/l	100
14) Allyl chloride	2.654	41	96797	49.082	ug/l	99
15) Acrylonitrile	3.062	53	161326	240.180	ug/l	100
16) Acetone	2.380	43	152926	235.214	ug/l	99
17) Carbon Disulfide	2.501	76	119538	46.565	ug/l	99
18) Methyl Acetate	2.703	43	72905	48.704	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	186223	51.217	ug/l	99
20) Methylene Chloride	2.782	84	60038	49.326	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	52666	49.597	ug/l	99
22) Diisopropyl ether	3.757	45	197766	50.908	ug/l	93
23) Vinyl Acetate	3.715	43	862823	257.065	ug/l	100
24) 1,1-Dichloroethane	3.605	63	108557	49.411	ug/l	100
25) 2-Butanone	4.556	43	232180	243.964	ug/l	99
26) 2,2-Dichloropropane	4.471	77	57119	40.240	ug/l	97
27) cis-1,2-Dichloroethene	4.477	96	64104	49.551	ug/l	99
28) Bromochloromethane	4.891	49	51696	48.692	ug/l	99
29) Tetrahydrofuran	5.001	42	147312	238.749	ug/l	99
30) Chloroform	5.086	83	114062	50.455	ug/l	98
31) Cyclohexane	5.458	56	99964	51.468	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	97456	50.947	ug/l	100
36) 1,1-Dichloropropene	5.690	75	74561	50.672	ug/l	99
37) Ethyl Acetate	4.714	43	89520	48.277	ug/l	99
38) Carbon Tetrachloride	5.672	117	82459	51.853	ug/l	96
39) Methylcyclohexane	7.373	83	95374	52.877	ug/l	100
40) Benzene	6.031	78	223458	49.725	ug/l	98

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41) Methacrylonitrile	4.916	41	51591	52.731	ug/l	98
42) 1,2-Dichloroethane	6.080	62	95885	51.660	ug/l	100
43) Isopropyl Acetate	6.336	43	144293	51.342	ug/l	99
44) Trichloroethene	7.123	130	53195	49.802	ug/l	99
45) 1,2-Dichloropropane	7.427	63	56945	50.786	ug/l	98
46) Dibromomethane	7.580	93	43696	50.766	ug/l	99
47) Bromodichloromethane	7.818	83	86457	50.297	ug/l	95
48) Methyl methacrylate	7.690	41	75045	51.716	ug/l	98
49) 1,4-Dioxane	7.659	88	26311	1002.173	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	476479	255.746	ug/l	100
52) Toluene	8.714	92	138162	50.808	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	74663	45.389	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	81983	50.753	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	54091	49.918	ug/l	95
56) Ethyl methacrylate	9.116	69	91138	54.346	ug/l	99
57) 1,3-Dichloropropane	9.305	76	95650	50.691	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	230320	271.496	ug/l	99
59) 2-Hexanone	9.427	43	352984	255.847	ug/l	100
60) Dibromochloromethane	9.518	129	62065	52.539	ug/l	96
61) 1,2-Dibromoethane	9.604	107	56493	51.502	ug/l	100
64) Tetrachloroethene	9.269	164	46316	48.522	ug/l	100
65) Chlorobenzene	10.079	112	147690	51.122	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	50461	50.310	ug/l	100
67) Ethyl Benzene	10.189	91	273083	52.778	ug/l	99
68) m/p-Xylenes	10.299	106	199417	105.966	ug/l	99
69) o-Xylene	10.640	106	98029	52.878	ug/l	98
70) Styrene	10.652	104	165462	54.077	ug/l	99
71) Bromoform	10.799	173	38319	51.166	ug/l #	97
73) Isopropylbenzene	10.957	105	259729	50.706	ug/l	99
74) N-amyl acetate	10.841	43	126468	51.615	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	84797	47.126	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	74432m	47.718	ug/l	
77) Bromobenzene	11.195	156	58590	49.505	ug/l	99
78) n-propylbenzene	11.299	91	303905	51.510	ug/l	99
79) 2-Chlorotoluene	11.360	91	188829	50.063	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	221616	52.322	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	19282	41.954	ug/l	98
82) 4-Chlorotoluene	11.451	91	216548	51.493	ug/l	100
83) tert-Butylbenzene	11.713	119	215949	51.497	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	221453	52.091	ug/l	100
85) sec-Butylbenzene	11.890	105	270261	52.473	ug/l	100
86) p-Isopropyltoluene	12.006	119	223731	52.689	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	108332	50.285	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	107223	49.093	ug/l	99
89) n-Butylbenzene	12.329	91	195269	53.031	ug/l	100
90) Hexachloroethane	12.536	117	37680	51.634	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	107347	50.118	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19101	50.758	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	62465	52.393	ug/l	99
94) Hexachlorobutadiene	13.725	225	24267	47.235	ug/l	98
95) Naphthalene	13.774	128	236297	53.259	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	64026	51.286	ug/l	99

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

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