

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042825\
 Data File : VX045970.D
 Acq On : 28 Apr 2025 20:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 29 01:37:12 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/29/2025
 Supervised By : Semsettin Yesilyurt 04/29/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	80938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	142782	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75555	51.046	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.100%			
35) Dibromofluoromethane	5.379	113	53714	53.023	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.040%			
50) Toluene-d8	8.647	98	172354	48.744	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.480%			
62) 4-Bromofluorobenzene	11.079	95	67539	52.439	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56928	47.031	ug/l	99
3) Chloromethane	1.307	50	57702	46.402	ug/l	95
4) Vinyl Chloride	1.374	62	54442	47.839	ug/l	98
5) Bromomethane	1.593	94	25719	47.664	ug/l	100
6) Chloroethane	1.672	64	32219	53.362	ug/l	98
7) Trichlorofluoromethane	1.874	101	90267	53.192	ug/l	98
8) Diethyl Ether	2.136	74	29836	52.368	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	53487	53.788	ug/l	98
10) Methyl Iodide	2.447	142	66252	53.415	ug/l	97
11) Tert butyl alcohol	2.971	59	56851	285.799	ug/l	99
12) 1,1-Dichloroethene	2.313	96	49869	51.324	ug/l	95
13) Acrolein	2.233	56	70580	257.660	ug/l	99
14) Allyl chloride	2.654	41	98797	53.589	ug/l	98
15) Acrylonitrile	3.062	53	170005	270.744	ug/l	99
16) Acetone	2.380	43	161857	266.304	ug/l	100
17) Carbon Disulfide	2.502	76	101569	42.323	ug/l	98
18) Methyl Acetate	2.703	43	92399	66.030	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	189690	55.807	ug/l	99
20) Methylene Chloride	2.782	84	59148	51.982	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	50954	51.330	ug/l	99
22) Diisopropyl ether	3.757	45	201314	55.433	ug/l	92
23) Vinyl Acetate	3.721	43	867187	276.375	ug/l	100
24) 1,1-Dichloroethane	3.605	63	109362	53.248	ug/l	99
25) 2-Butanone	4.556	43	243810	274.042	ug/l	99
26) 2,2-Dichloropropane	4.471	77	69205	52.153	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	63683	52.657	ug/l	100
28) Bromochloromethane	4.891	49	50524	50.906	ug/l	99
29) Tetrahydrofuran	5.001	42	152586	264.535	ug/l	100
30) Chloroform	5.086	83	114075	53.979	ug/l	99
31) Cyclohexane	5.464	56	93018	51.230	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	98472	55.067	ug/l	99
36) 1,1-Dichloropropene	5.684	75	72249	52.821	ug/l	99
37) Ethyl Acetate	4.715	43	90021	52.225	ug/l	98
38) Carbon Tetrachloride	5.666	117	81950	55.437	ug/l	100
39) Methylcyclohexane	7.373	83	89611	53.446	ug/l	98
40) Benzene	6.031	78	220324	52.742	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	52785	58.038	ug/l	99
42) 1,2-Dichloroethane	6.080	62	95708	55.471	ug/l	100
43) Isopropyl Acetate	6.342	43	148727	56.928	ug/l	100
44) Trichloroethene	7.123	130	52140	52.513	ug/l	97
45) 1,2-Dichloropropane	7.427	63	56662	54.362	ug/l	100
46) Dibromomethane	7.574	93	43220	54.017	ug/l	98
47) Bromodichloromethane	7.818	83	88145	55.164	ug/l	98
48) Methyl methacrylate	7.690	41	77360	57.351	ug/l	98
49) 1,4-Dioxane	7.659	88	28419	1164.472	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	488302	281.947	ug/l	99
52) Toluene	8.714	92	135569	53.632	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	76843	50.008	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	84979	56.594	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	55381	54.981	ug/l	99
56) Ethyl methacrylate	9.116	69	90733	58.204	ug/l	98
57) 1,3-Dichloropropane	9.305	76	95839	54.639	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	218046	276.500	ug/l	99
59) 2-Hexanone	9.427	43	365974	285.358	ug/l	100
60) Dibromochloromethane	9.519	129	61617	56.111	ug/l	99
61) 1,2-Dibromoethane	9.610	107	55161	54.097	ug/l	99
64) Tetrachloroethene	9.269	164	47364	53.963	ug/l	97
65) Chlorobenzene	10.073	112	144437	54.372	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	51167	55.479	ug/l	99
67) Ethyl Benzene	10.189	91	264721	55.640	ug/l	99
68) m/p-Xylenes	10.299	106	192215	111.080	ug/l	99
69) o-Xylene	10.640	106	95099	55.788	ug/l	98
70) Styrene	10.653	104	160161	56.926	ug/l	99
71) Bromoform	10.799	173	38437	55.817	ug/l #	96
73) Isopropylbenzene	10.957	105	256111	53.745	ug/l	99
74) N-amyl acetate	10.841	43	129508	56.815	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	87388	52.204	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	75606m	52.102	ug/l	
77) Bromobenzene	11.195	156	57237	51.985	ug/l	99
78) n-propylbenzene	11.299	91	293653	53.500	ug/l	100
79) 2-Chlorotoluene	11.360	91	184056	52.453	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	211885	53.771	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22266	52.075	ug/l	97
82) 4-Chlorotoluene	11.451	91	208471	53.286	ug/l	100
83) tert-Butylbenzene	11.713	119	207961	53.307	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	214405	54.211	ug/l	100
85) sec-Butylbenzene	11.890	105	263745	55.043	ug/l	100
86) p-Isopropyltoluene	12.006	119	216089	54.701	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	103874	51.828	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	103990	51.179	ug/l	98
89) n-Butylbenzene	12.329	91	189230	55.240	ug/l	99
90) Hexachloroethane	12.536	117	37994	55.964	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	106710	53.553	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20293	57.965	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	61275	55.245	ug/l	99
94) Hexachlorobutadiene	13.725	225	24722	51.725	ug/l	97
95) Naphthalene	13.774	128	230064	55.738	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	63316	54.516	ug/l	98

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

