

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063025\
 Data File : VX046828.D
 Acq On : 30 Jun 2025 09:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 01 05:15:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/01/2025
 Supervised By : Mahesh Dadoda 07/01/2025

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	161930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	260633	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	226365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	110471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92866	41.462	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.920%		
35) Dibromofluoromethane	5.391	113	79996	46.390	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.780%		
50) Toluene-d8	8.647	98	274970	44.382	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.760%		
62) 4-Bromofluorobenzene	11.079	95	100695	43.601	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	87.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	86884	50.256	ug/l	99
3) Chloromethane	1.307	50	90424	48.458	ug/l	96
4) Vinyl Chloride	1.386	62	99105	49.804	ug/l	96
5) Bromomethane	1.624	94	69852	62.393	ug/l	96
6) Chloroethane	1.703	64	62141	51.524	ug/l	98
7) Trichlorofluoromethane	1.904	101	149702	49.547	ug/l	100
8) Diethyl Ether	2.142	74	52102	50.247	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	94361	50.907	ug/l	99
10) Methyl Iodide	2.465	142	79844	35.763	ug/l	98
11) Tert butyl alcohol	2.947	59	34611	172.167	ug/l	98
12) 1,1-Dichloroethene	2.331	96	90592	50.650	ug/l	96
13) Acrolein	2.245	56	75415	257.549	ug/l	98
14) Allyl chloride	2.678	41	159593	49.247	ug/l	98
15) Acrylonitrile	3.068	53	198224	219.284	ug/l	99
16) Acetone	2.380	43	162211	217.175	ug/l	100
17) Carbon Disulfide	2.526	76	248010	45.918	ug/l	100
18) Methyl Acetate	2.709	43	85354	44.993	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	254514	45.700	ug/l	99
20) Methylene Chloride	2.800	84	98995	47.659	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	93574	48.894	ug/l	99
22) Diisopropyl ether	3.763	45	315164	50.597	ug/l	96
23) Vinyl Acetate	3.727	43	1162541	234.702	ug/l	99
24) 1,1-Dichloroethane	3.617	63	172543	48.788	ug/l	99
25) 2-Butanone	4.550	43	213611	202.215	ug/l	100
26) 2,2-Dichloropropane	4.483	77	129610	50.248	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	109109	48.527	ug/l	99
28) Bromochloromethane	4.904	49	73125	45.608	ug/l	98
29) Tetrahydrofuran	5.007	42	140712	206.229	ug/l	99
30) Chloroform	5.099	83	173085	48.938	ug/l	97
31) Cyclohexane	5.477	56	154085	45.943	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	144627	46.626	ug/l	99
36) 1,1-Dichloropropene	5.696	75	119091	47.841	ug/l	98
37) Ethyl Acetate	4.715	43	92990	40.470	ug/l	98
38) Carbon Tetrachloride	5.678	117	130471	48.296	ug/l	99
39) Methylcyclohexane	7.379	83	152453	46.540	ug/l	98
40) Benzene	6.037	78	359743	48.831	ug/l	99

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41) Methacrylonitrile	4.916	41	55960	45.683	ug/l	98
42) 1,2-Dichloroethane	6.086	62	121223	46.826	ug/l	99
43) Isopropyl Acetate	6.336	43	155767	43.322	ug/l	99
44) Trichloroethene	7.123	130	91710	48.848	ug/l	95
45) 1,2-Dichloropropane	7.427	63	88692	48.578	ug/l	92
46) Dibromomethane	7.580	93	61633	46.971	ug/l	98
47) Bromodichloromethane	7.818	83	133468	49.844	ug/l	99
48) Methyl methacrylate	7.690	41	81995	45.471	ug/l	98
49) 1,4-Dioxane	7.653	88	19061	734.338	ug/l	94
51) 4-Methyl-2-Pentanone	8.567	43	449233	209.487	ug/l	100
52) Toluene	8.714	92	221165	48.426	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	122780	49.419	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	139540	49.475	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	80325	47.196	ug/l	96
56) Ethyl methacrylate	9.110	69	115337	45.907	ug/l	98
57) 1,3-Dichloropropane	9.305	76	137189	46.807	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	308703	236.538	ug/l	100
59) 2-Hexanone	9.427	43	299006	201.685	ug/l	100
60) Dibromochloromethane	9.519	129	97880	48.800	ug/l	100
61) 1,2-Dibromoethane	9.604	107	81496	47.074	ug/l	100
64) Tetrachloroethene	9.269	164	75302	48.015	ug/l	97
65) Chlorobenzene	10.073	112	241295	48.289	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	82386	49.058	ug/l	98
67) Ethyl Benzene	10.189	91	419516	48.050	ug/l	99
68) m/p-Xylenes	10.299	106	317089	97.470	ug/l	100
69) o-Xylene	10.640	106	151428	49.668	ug/l	97
70) Styrene	10.652	104	264924	49.653	ug/l	99
71) Bromoform	10.799	173	60743	47.494	ug/l #	99
73) Isopropylbenzene	10.957	105	401277	49.320	ug/l	100
74) N-amyl acetate	10.841	43	134649	43.680	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	103538	45.575	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	86063m	42.536	ug/l	
77) Bromobenzene	11.195	156	96598	49.338	ug/l	99
78) n-propylbenzene	11.299	91	477665	49.428	ug/l	100
79) 2-Chlorotoluene	11.360	91	277009	48.010	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	326340	48.809	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	32212	45.001	ug/l	97
82) 4-Chlorotoluene	11.451	91	324589	48.203	ug/l	99
83) tert-Butylbenzene	11.713	119	333716	48.286	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	323848	48.210	ug/l	99
85) sec-Butylbenzene	11.884	105	416807	47.720	ug/l	99
86) p-Isopropyltoluene	12.006	119	349816	47.467	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	178988	46.886	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	178637	45.557	ug/l	99
89) n-Butylbenzene	12.329	91	327079	46.744	ug/l	100
90) Hexachloroethane	12.536	117	61399	47.577	ug/l	97
91) 1,2-Dichlorobenzene	12.329	146	168291	47.174	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18148	40.463	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	117264	46.235	ug/l	98
94) Hexachlorobutadiene	13.719	225	46432	43.520	ug/l	97
95) Naphthalene	13.774	128	317723	43.971	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	111945	46.136	ug/l	99

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

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