

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
 Data File : VX046682.D
 Acq On : 13 Jun 2025 12:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 13 23:25:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/16/2025
 Supervised By : Mahesh Dadoda 06/16/2025

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	65729	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	116296	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.055	117	106162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53145	45.447	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.900%		
35) Dibromofluoromethane	5.391	113	42366	49.537	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.080%		
50) Toluene-d8	8.646	98	147843	52.434	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.860%		
62) 4-Bromofluorobenzene	11.079	95	62865	53.887	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	107.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.178	85	46088	50.506	ug/l	99
3) Chloromethane	1.306	50	38948	46.892	ug/l	97
4) Vinyl Chloride	1.386	62	35126	42.423	ug/l	98
5) Bromomethane	1.617	94	9898	19.691	ug/l	95
6) Chloroethane	1.696	64	22813	42.465	ug/l	99
7) Trichlorofluoromethane	1.904	101	65356	47.707	ug/l	100
8) Diethyl Ether	2.148	74	22411	46.301	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.343	101	45660	52.902	ug/l	92
10) Methyl Iodide	2.465	142	28087	30.020	ug/l	96
11) Tert butyl alcohol	2.958	59	32397	249.672	ug/l	99
12) 1,1-Dichloroethene	2.330	96	38340	49.131	ug/l	88
13) Acrolein	2.245	56	23057	159.292	ug/l	99
14) Allyl chloride	2.672	41	75668	49.373	ug/l	91
15) Acrylonitrile	3.068	53	131324	267.675	ug/l	99
16) Acetone	2.385	43	110264	240.301	ug/l	92
17) Carbon Disulfide	2.526	76	84624	51.068	ug/l	97
18) Methyl Acetate	2.715	43	78518	56.370	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	154832	56.703	ug/l	99
20) Methylene Chloride	2.800	84	49988	53.283	ug/l	86
21) trans-1,2-Dichloroethene	3.105	96	42387	51.326	ug/l	92
22) Diisopropyl ether	3.769	45	163646	54.159	ug/l #	82
23) Vinyl Acetate	3.727	43	628979	269.622	ug/l	97
24) 1,1-Dichloroethane	3.623	63	88688	52.665	ug/l	99
25) 2-Butanone	4.556	43	142771	219.319	ug/l	93
26) 2,2-Dichloropropane	4.483	77	66329	53.057	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	53997	53.114	ug/l	90
28) Bromochloromethane	4.909	49	32730	40.749	ug/l	85
29) Tetrahydrofuran	5.013	42	83549	203.227	ug/l	93
30) Chloroform	5.104	83	83734	47.455	ug/l	95
31) Cyclohexane	5.476	56	61276	45.073	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	76457	50.656	ug/l	95
36) 1,1-Dichloropropene	5.696	75	55174	45.164	ug/l	95
37) Ethyl Acetate	4.720	43	59347	49.775	ug/l	98
38) Carbon Tetrachloride	5.690	117	66485	48.589	ug/l	99
39) Methylcyclohexane	7.384	83	72091	49.996	ug/l	98
40) Benzene	6.043	78	181236	52.698	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	30889	41.719	ug/l #	91
42) 1,2-Dichloroethane	6.092	62	69914	48.865	ug/l	96
43) Isopropyl Acetate	6.342	43	109505	52.682	ug/l	97
44) Trichloroethene	7.128	130	47067	53.863	ug/l	100
45) 1,2-Dichloropropane	7.433	63	49890	56.202	ug/l	95
46) Dibromomethane	7.580	93	36124	54.093	ug/l	93
47) Bromodichloromethane	7.823	83	77621	56.529	ug/l	95
48) Methyl methacrylate	7.695	41	56213	52.561	ug/l	92
49) 1,4-Dioxane	7.665	88	16766	1172.305	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	356465	269.870	ug/l	96
52) Toluene	8.720	92	119261	56.445	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	71311	57.922	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	79005	57.716	ug/l #	87
55) 1,1,2-Trichloroethane	9.152	97	50740	59.821	ug/l	96
56) Ethyl methacrylate	9.116	69	77064	59.041	ug/l	91
57) 1,3-Dichloropropane	9.305	76	83772	55.887	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	195672	275.219	ug/l	96
59) 2-Hexanone	9.427	43	248355	262.167	ug/l	94
60) Dibromochloromethane	9.518	129	60505	60.644	ug/l	99
61) 1,2-Dibromoethane	9.610	107	50359	56.975	ug/l	96
64) Tetrachloroethene	9.274	164	38740	54.571	ug/l	95
65) Chlorobenzene	10.079	112	137650	55.130	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	50249	59.557	ug/l	98
67) Ethyl Benzene	10.195	91	234711	53.848	ug/l	96
68) m/p-Xylenes	10.299	106	176234	111.459	ug/l	95
69) o-Xylene	10.640	106	87498	57.212	ug/l	96
70) Styrene	10.652	104	153945	58.804	ug/l	95
71) Bromoform	10.798	173	40209	62.502	ug/l #	99
73) Isopropylbenzene	10.963	105	235812	54.141	ug/l	100
74) N-amyl acetate	10.841	43	100215	52.248	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	75693	54.294	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	61189m	52.138	ug/l	
77) Bromobenzene	11.195	156	57221	56.601	ug/l	91
78) n-propylbenzene	11.304	91	274695	52.107	ug/l	98
79) 2-Chlorotoluene	11.359	91	162911	51.245	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	194861	53.688	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	21081	51.816	ug/l	87
82) 4-Chlorotoluene	11.451	91	194132	51.520	ug/l	96
83) tert-Butylbenzene	11.713	119	202254	54.741	ug/l	94
84) 1,2,4-Trimethylbenzene	11.749	105	197768	53.863	ug/l	98
85) sec-Butylbenzene	11.890	105	256178	53.961	ug/l	99
86) p-Isopropyltoluene	12.006	119	214676	54.242	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	108408	55.222	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	109194	53.679	ug/l	99
89) n-Butylbenzene	12.329	91	201545	51.856	ug/l	98
90) Hexachloroethane	12.536	117	37564	53.401	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	106432	56.166	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	16059	51.440	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	72901	56.396	ug/l	99
94) Hexachlorobutadiene	13.725	225	31087	51.748	ug/l	98
95) Naphthalene	13.774	128	234597	57.228	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	73190	56.465	ug/l	98

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

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