

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051225\
 Data File : VX046125.D
 Acq On : 12 May 2025 09:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 13 03:12:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/13/2025
 Supervised By :Semsettin Yesilyurt 05/13/2025

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	99352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	165662	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	144793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	82467	44.523	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.040%		
35) Dibromofluoromethane	5.379	113	58039	48.652	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.300%		
50) Toluene-d8	8.641	98	194756	47.169	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.340%		
62) 4-Bromofluorobenzene	11.079	95	76603	48.367	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	81417	53.541	ug/l	100
3) Chloromethane	1.300	50	73329	49.726	ug/l	98
4) Vinyl Chloride	1.374	62	66129	48.183	ug/l	100
5) Bromomethane	1.593	94	30131	47.334	ug/l	98
6) Chloroethane	1.666	64	36842	50.285	ug/l	96
7) Trichlorofluoromethane	1.874	101	103416	50.986	ug/l	99
8) Diethyl Ether	2.130	74	32495	47.061	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	61799	49.233	ug/l	98
10) Methyl Iodide	2.447	142	66626	44.858	ug/l	97
11) Tert butyl alcohol	2.971	59	57091	219.582	ug/l	99
12) 1,1-Dichloroethene	2.313	96	55847	47.406	ug/l	98
13) Acrolein	2.233	56	88288	298.172	ug/l	99
14) Allyl chloride	2.654	41	111302	49.434	ug/l	98
15) Acrylonitrile	3.062	53	174564	234.803	ug/l	98
16) Acetone	2.380	43	177283	238.713	ug/l	99
17) Carbon Disulfide	2.501	76	140839	50.427	ug/l	98
18) Methyl Acetate	2.703	43	83742	48.592	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	199511	48.305	ug/l	99
20) Methylene Chloride	2.782	84	63911	44.907	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	56614	47.786	ug/l	99
22) Diisopropyl ether	3.757	45	213952	49.194	ug/l	94
23) Vinyl Acetate	3.715	43	928385	242.704	ug/l	100
24) 1,1-Dichloroethane	3.599	63	116620	48.143	ug/l	98
25) 2-Butanone	4.550	43	251197	232.981	ug/l	99
26) 2,2-Dichloropropane	4.465	77	95049	50.131	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	68127	47.768	ug/l	100
28) Bromochloromethane	4.891	49	55303	47.430	ug/l	99
29) Tetrahydrofuran	4.995	42	152857	226.248	ug/l	100
30) Chloroform	5.080	83	121699	48.201	ug/l	94
31) Cyclohexane	5.458	56	103511	46.893	ug/l	98
32) 1,1,1-Trichloroethane	5.367	97	107876	49.289	ug/l	99
36) 1,1-Dichloropropene	5.678	75	79771	49.769	ug/l	100
37) Ethyl Acetate	4.708	43	93772	47.352	ug/l	99
38) Carbon Tetrachloride	5.666	117	92339	51.273	ug/l	97
39) Methylcyclohexane	7.373	83	101381	49.130	ug/l	96
40) Benzene	6.025	78	232783	49.583	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	54361	52.476	ug/l	98
42) 1,2-Dichloroethane	6.074	62	100993	49.842	ug/l	99
43) Isopropyl Acetate	6.330	43	151199	50.048	ug/l	99
44) Trichloroethene	7.117	130	56170	49.709	ug/l	97
45) 1,2-Dichloropropane	7.421	63	59635	51.083	ug/l	98
46) Dibromomethane	7.574	93	44562	48.398	ug/l	98
47) Bromodichloromethane	7.818	83	95773	52.812	ug/l	99
48) Methyl methacrylate	7.690	41	77404	50.168	ug/l	100
49) 1,4-Dioxane	7.653	88	28733	980.808	ug/l	99
51) 4-Methyl-2-Pentanone	8.567	43	493940	246.312	ug/l	100
52) Toluene	8.714	92	141232	49.059	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	86052	53.385	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	92023	51.653	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	57337	50.512	ug/l	99
56) Ethyl methacrylate	9.110	69	92163	50.943	ug/l	99
57) 1,3-Dichloropropane	9.305	76	98974	48.550	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	170754	185.133	ug/l	100
59) 2-Hexanone	9.427	43	363896	245.275	ug/l	100
60) Dibromochloromethane	9.519	129	68177	54.689	ug/l	98
61) 1,2-Dibromoethane	9.604	107	58101	49.247	ug/l	98
64) Tetrachloroethene	9.269	164	50928	49.711	ug/l	96
65) Chlorobenzene	10.073	112	153955	48.579	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	55159	50.971	ug/l	100
67) Ethyl Benzene	10.189	91	281062	50.312	ug/l	100
68) m/p-Xylenes	10.299	106	205561	100.608	ug/l	98
69) o-Xylene	10.640	106	100039	50.223	ug/l	99
70) Styrene	10.652	104	170510	52.256	ug/l	99
71) Bromoform	10.799	173	43793	53.901	ug/l #	99
73) Isopropylbenzene	10.957	105	270272	50.302	ug/l	100
74) N-amyl acetate	10.841	43	127652	48.079	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	85807	45.572	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	77401m	46.593	ug/l	
77) Bromobenzene	11.195	156	60791	48.734	ug/l	99
78) n-propylbenzene	11.299	91	316546	50.668	ug/l	99
79) 2-Chlorotoluene	11.360	91	196834	48.847	ug/l	100
80) 1,3,5-Trimethylbenzene	11.445	105	226040	50.357	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.012	75	25340	49.662	ug/l	96
82) 4-Chlorotoluene	11.451	91	224968	50.343	ug/l	99
83) tert-Butylbenzene	11.713	119	225281	49.825	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	231314	50.886	ug/l	100
85) sec-Butylbenzene	11.884	105	284243	51.200	ug/l	99
86) p-Isopropyltoluene	12.006	119	235339	51.356	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	113715	49.950	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	116484	50.101	ug/l	98
89) n-Butylbenzene	12.329	91	212130	52.774	ug/l	100
90) Hexachloroethane	12.536	117	41857	51.847	ug/l	98
91) 1,2-Dichlorobenzene	12.329	146	111557	48.832	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20582	49.343	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	66534	50.707	ug/l	99
94) Hexachlorobutadiene	13.719	225	28796	50.249	ug/l	97
95) Naphthalene	13.774	128	229265	47.640	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	67805	50.081	ug/l	99

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

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