

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045712.D
 Acq On : 11 Apr 2025 02:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 11 06:04:37 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 04/11/2025
 Supervised By : Mahesh Dadoda 04/11/2025

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	83221	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	146715	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	82622	54.289	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.580%			
35) Dibromofluoromethane	5.379	113	57323	55.068	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.140%			
50) Toluene-d8	8.641	98	193585	53.281	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.560%			
62) 4-Bromofluorobenzene	11.079	95	75944	57.384	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 114.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	68558	55.086	ug/l	98
3) Chloromethane	1.300	50	66069	51.673	ug/l	100
4) Vinyl Chloride	1.374	62	60055	51.324	ug/l	98
5) Bromomethane	1.593	94	26246	47.306	ug/l	100
6) Chloroethane	1.660	64	31530	50.789	ug/l	98
7) Trichlorofluoromethane	1.867	101	92159	52.817	ug/l	98
8) Diethyl Ether	2.130	74	30594	52.225	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.312	101	54761	53.559	ug/l	98
10) Methyl Iodide	2.440	142	65645	51.473	ug/l	98
11) Tert butyl alcohol	2.983	59	60976	298.127	ug/l	98
12) 1,1-Dichloroethene	2.306	96	51752	51.800	ug/l	99
13) Acrolein	2.233	56	68928	244.726	ug/l	99
14) Allyl chloride	2.654	41	97499	51.434	ug/l	99
15) Acrylonitrile	3.062	53	172090	266.546	ug/l	99
16) Acetone	2.386	43	174181	278.719	ug/l	99
17) Carbon Disulfide	2.501	76	107894	43.725	ug/l	100
18) Methyl Acetate	2.703	43	86647	60.221	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	190004	54.366	ug/l	98
20) Methylene Chloride	2.782	84	59935	51.229	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	51246	50.208	ug/l	95
22) Diisopropyl ether	3.757	45	201287	53.905	ug/l	97
23) Vinyl Acetate	3.715	43	868514	269.205	ug/l	99
24) 1,1-Dichloroethane	3.599	63	109738	51.965	ug/l	99
25) 2-Butanone	4.556	43	254457	278.164	ug/l	99
26) 2,2-Dichloropropane	4.464	77	54067	39.627	ug/l	97
27) cis-1,2-Dichloroethene	4.477	96	63579	51.128	ug/l	98
28) Bromochloromethane	4.885	49	52573	51.517	ug/l	100
29) Tetrahydrofuran	5.001	42	159320	268.632	ug/l	100
30) Chloroform	5.080	83	115301	53.062	ug/l	96
31) Cyclohexane	5.458	56	94892	50.829	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	97204	52.867	ug/l	100
36) 1,1-Dichloropropene	5.678	75	73900	52.580	ug/l	98
37) Ethyl Acetate	4.708	43	92211	52.061	ug/l	99
38) Carbon Tetrachloride	5.665	117	82170	54.095	ug/l	99
39) Methylcyclohexane	7.372	83	90513	52.537	ug/l	95
40) Benzene	6.025	78	219989	51.250	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	54799	58.638	ug/l	98
42) 1,2-Dichloroethane	6.074	62	96670	54.526	ug/l	99
43) Isopropyl Acetate	6.336	43	147709	55.023	ug/l	100
44) Trichloroethene	7.116	130	52469	51.427	ug/l	96
45) 1,2-Dichloropropane	7.421	63	56834	53.066	ug/l	99
46) Dibromomethane	7.574	93	43600	53.031	ug/l	98
47) Bromodichloromethane	7.818	83	88589	53.955	ug/l	99
48) Methyl methacrylate	7.690	41	77443	55.873	ug/l	100
49) 1,4-Dioxane	7.659	88	29750	1186.332	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	504992	283.768	ug/l	100
52) Toluene	8.714	92	136538	52.567	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	72946	46.374	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	81350	52.724	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	54881	53.024	ug/l	98
56) Ethyl methacrylate	9.116	69	92401	57.685	ug/l	99
57) 1,3-Dichloropropane	9.305	76	95406	52.934	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	230000	283.840	ug/l	100
59) 2-Hexanone	9.427	43	379769	288.176	ug/l	100
60) Dibromochloromethane	9.518	129	62099	55.034	ug/l	98
61) 1,2-Dibromoethane	9.604	107	56904	54.310	ug/l	99
64) Tetrachloroethene	9.268	164	47631	52.027	ug/l	99
65) Chlorobenzene	10.073	112	148500	53.594	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	51627	53.667	ug/l	99
67) Ethyl Benzene	10.189	91	267022	53.807	ug/l	99
68) m/p-Xylenes	10.299	106	195774	108.466	ug/l	98
69) o-Xylene	10.640	106	96163	54.084	ug/l	98
70) Styrene	10.652	104	163333	55.657	ug/l	99
71) Bromoform	10.799	173	39295	54.707	ug/l #	97
73) Isopropylbenzene	10.957	105	259289	51.190	ug/l	100
74) N-amyl acetate	10.841	43	131860	54.422	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	89614	50.364	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	75987m	49.264	ug/l	
77) Bromobenzene	11.195	156	59230	50.610	ug/l	99
78) n-propylbenzene	11.299	91	307517	52.709	ug/l	100
79) 2-Chlorotoluene	11.360	91	190047	50.954	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	220356	52.610	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	20473	45.047	ug/l	99
82) 4-Chlorotoluene	11.451	91	219024	52.668	ug/l	100
83) tert-Butylbenzene	11.713	119	216066	52.105	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	224105	53.309	ug/l	100
85) sec-Butylbenzene	11.890	105	272832	53.568	ug/l	100
86) p-Isopropyltoluene	12.006	119	226756	54.003	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	109044	51.186	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	110601	51.210	ug/l	99
89) n-Butylbenzene	12.329	91	199544	54.802	ug/l	99
90) Hexachloroethane	12.536	117	38390	53.199	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	111833	52.801	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20720	55.681	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	64358	54.589	ug/l	97
94) Hexachlorobutadiene	13.725	225	27010	53.166	ug/l	100
95) Naphthalene	13.774	128	236741	53.960	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	67267	54.488	ug/l	99

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

