

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041525\
 Data File : VX045784.D
 Acq On : 15 Apr 2025 09:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 16 01:37:22 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

04/16/2025
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	100214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	171344	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	149132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71425	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	89857	49.031	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.060%
35) Dibromofluoromethane	5.373	113	62111	51.091	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.180%
50) Toluene-d8	8.641	98	208879	49.226	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.460%
62) 4-Bromofluorobenzene	11.079	95	82134	53.141	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	74316	49.587	ug/l	100
3) Chloromethane	1.301	50	68177	44.280	ug/l	99
4) Vinyl Chloride	1.374	62	63786	45.269	ug/l	99
5) Bromomethane	1.593	94	28210	42.224	ug/l	98
6) Chloroethane	1.666	64	37751	50.498	ug/l	99
7) Trichlorofluoromethane	1.874	101	101939	48.516	ug/l	95
8) Diethyl Ether	2.130	74	32676	46.321	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	61929	50.299	ug/l	98
10) Methyl Iodide	2.441	142	71099	46.297	ug/l	98
11) Tert butyl alcohol	2.977	59	58010	235.532	ug/l	100
12) 1,1-Dichloroethene	2.307	96	54795	45.546	ug/l	98
13) Acrolein	2.233	56	57330	169.033	ug/l	99
14) Allyl chloride	2.654	41	110470	48.395	ug/l	99
15) Acrylonitrile	3.062	53	183879	236.512	ug/l	99
16) Acetone	2.380	43	181191	240.773	ug/l	99
17) Carbon Disulfide	2.502	76	120440	40.533	ug/l	98
18) Methyl Acetate	2.703	43	95900	55.350	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	204670	48.632	ug/l	100
20) Methylene Chloride	2.782	84	64507	45.787	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	55510	45.163	ug/l	99
22) Diisopropyl ether	3.757	45	218039	48.490	ug/l	99
23) Vinyl Acetate	3.715	43	935403	240.774	ug/l	99
24) 1,1-Dichloroethane	3.599	63	118828	46.728	ug/l	99
25) 2-Butanone	4.550	43	266041	241.512	ug/l	99
26) 2,2-Dichloropropane	4.465	77	93789	57.084	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	68693	45.874	ug/l	96
28) Bromochloromethane	4.885	49	58413	47.534	ug/l	99
29) Tetrahydrofuran	4.995	42	165317	231.478	ug/l	99
30) Chloroform	5.080	83	124948	47.751	ug/l	98
31) Cyclohexane	5.458	56	99275	44.159	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	106656	48.171	ug/l	100
36) 1,1-Dichloropropene	5.678	75	78094	47.577	ug/l	99
37) Ethyl Acetate	4.708	43	98089	47.420	ug/l	99
38) Carbon Tetrachloride	5.666	117	91071	51.337	ug/l	98
39) Methylcyclohexane	7.373	83	99077	49.242	ug/l	95
40) Benzene	6.025	78	235840	47.045	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	56564	51.826	ug/l	99
42) 1,2-Dichloroethane	6.074	62	102514	49.511	ug/l	100
43) Isopropyl Acetate	6.330	43	156006	49.761	ug/l	99
44) Trichloroethene	7.117	130	56911	47.763	ug/l	97
45) 1,2-Dichloropropane	7.421	63	60269	48.184	ug/l	100
46) Dibromomethane	7.574	93	47238	49.197	ug/l	99
47) Bromodichloromethane	7.812	83	96245	50.192	ug/l	95
48) Methyl methacrylate	7.690	41	81408	50.291	ug/l	99
49) 1,4-Dioxane	7.659	88	28183	962.303	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	531508	255.737	ug/l	100
52) Toluene	8.714	92	145799	48.064	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	86350	46.973	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	94971	52.705	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	59331	49.084	ug/l	97
56) Ethyl methacrylate	9.110	69	97222	51.970	ug/l	99
57) 1,3-Dichloropropane	9.305	76	102301	48.601	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	259471	274.183	ug/l	100
59) 2-Hexanone	9.427	43	387741	251.933	ug/l	100
60) Dibromochloromethane	9.519	129	68071	51.655	ug/l	99
61) 1,2-Dibromoethane	9.604	107	61115	49.945	ug/l	98
64) Tetrachloroethene	9.269	164	52093	49.475	ug/l	99
65) Chlorobenzene	10.073	112	156966	49.256	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	56351	50.933	ug/l	98
67) Ethyl Benzene	10.189	91	286326	50.167	ug/l	99
68) m/p-Xylenes	10.299	106	207843	100.125	ug/l	98
69) o-Xylene	10.640	106	103768	50.745	ug/l	100
70) Styrene	10.653	104	174956	51.837	ug/l	100
71) Bromoform	10.799	173	43348	52.474	ug/l #	98
73) Isopropylbenzene	10.957	105	279500	48.853	ug/l	100
74) N-amyl acetate	10.842	43	134024	48.972	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	90663	45.111	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	82374m	47.281	ug/l	
77) Bromobenzene	11.195	156	62715	47.443	ug/l	99
78) n-propylbenzene	11.299	91	327653	49.721	ug/l	100
79) 2-Chlorotoluene	11.360	91	201468	47.822	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	233569	49.370	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	25728	50.118	ug/l	100
82) 4-Chlorotoluene	11.451	91	233095	49.625	ug/l	99
83) tert-Butylbenzene	11.713	119	231289	49.381	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	236125	49.727	ug/l	100
85) sec-Butylbenzene	11.890	105	294337	51.164	ug/l	100
86) p-Isopropyltoluene	12.006	119	241665	50.954	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	117388	48.784	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	117645	48.226	ug/l	100
89) n-Butylbenzene	12.329	91	219711	53.421	ug/l	99
90) Hexachloroethane	12.536	117	42948	52.691	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	114681	47.937	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22394	53.279	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	67795	50.910	ug/l	99
94) Hexachlorobutadiene	13.725	225	30477	53.112	ug/l	98
95) Naphthalene	13.774	128	246946	49.832	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	70697	50.700	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

