

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041525\
 Data File : VX045795.D
 Acq On : 15 Apr 2025 16:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/16/2025
 Supervised By : Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 01:40:15 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

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	190359	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	341808	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	298715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	140976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	171660	49.311	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.620%		
35) Dibromofluoromethane	5.373	113	123790	51.045	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.080%		
50) Toluene-d8	8.641	98	417720	49.349	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.700%		
62) 4-Bromofluorobenzene	11.079	95	162052	52.559	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	105.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	84990	29.854	ug/l	100
3) Chloromethane	1.301	50	77328	26.440	ug/l	99
4) Vinyl Chloride	1.374	62	73179	27.341	ug/l	99
5) Bromomethane	1.593	94	32801	25.846	ug/l	100
6) Chloroethane	1.672	64	41434	29.178	ug/l	98
7) Trichlorofluoromethane	1.880	101	119646	29.978	ug/l	98
8) Diethyl Ether	2.130	74	38271	28.561	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	72753	31.108	ug/l	97
10) Methyl Iodide	2.447	142	83841	28.741	ug/l	98
11) Tert butyl alcohol	2.965	59	67765	144.846	ug/l	100
12) 1,1-Dichloroethene	2.313	96	64316	28.144	ug/l	98
13) Acrolein	2.233	56	29138	45.228	ug/l	98
14) Allyl chloride	2.654	41	130281	30.046	ug/l	100
15) Acrylonitrile	3.056	53	212255	143.726	ug/l	99
16) Acetone	2.373	43	204010	142.718	ug/l	99
17) Carbon Disulfide	2.502	76	141242	25.024	ug/l	100
18) Methyl Acetate	2.697	43	111595	33.908	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	242392	30.321	ug/l	100
20) Methylene Chloride	2.782	84	75092	28.060	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	65859	28.209	ug/l	96
22) Diisopropyl ether	3.751	45	256221	29.998	ug/l	89
23) Vinyl Acetate	3.715	43	1109372	150.329	ug/l	100
24) 1,1-Dichloroethane	3.599	63	138078	28.585	ug/l	100
25) 2-Butanone	4.544	43	304279	145.418	ug/l	100
26) 2,2-Dichloropropane	4.465	77	109689	35.146	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	80518	28.307	ug/l	96
28) Bromochloromethane	4.885	49	67465	28.902	ug/l	100
29) Tetrahydrofuran	4.989	42	188604	139.027	ug/l	100
30) Chloroform	5.080	83	144049	28.982	ug/l	97
31) Cyclohexane	5.458	56	117875	27.603	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	125792	29.910	ug/l	98
36) 1,1-Dichloropropene	5.678	75	92113	28.131	ug/l	99
37) Ethyl Acetate	4.702	43	115290	27.939	ug/l	99
38) Carbon Tetrachloride	5.666	117	104856	29.630	ug/l	99
39) Methylcyclohexane	7.373	83	115884	28.872	ug/l	96
40) Benzene	6.025	78	272626	27.262	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	66122	30.370	ug/l	98
42) 1,2-Dichloroethane	6.074	62	118750	28.750	ug/l	100
43) Isopropyl Acetate	6.330	43	181987	29.099	ug/l	99
44) Trichloroethene	7.117	130	65926	27.736	ug/l	90
45) 1,2-Dichloropropane	7.421	63	70528	28.266	ug/l	96
46) Dibromomethane	7.568	93	53409	27.884	ug/l	98
47) Bromodichloromethane	7.812	83	111620	29.180	ug/l	99
48) Methyl methacrylate	7.684	41	94896	29.387	ug/l	99
49) 1,4-Dioxane	7.653	88	31504	539.234	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	591785	142.736	ug/l	100
52) Toluene	8.714	92	165952	27.424	ug/l	100
53) t-1,3-Dichloropropene	8.970	75	102313	28.830	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	111978	31.152	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	66606	27.622	ug/l	98
56) Ethyl methacrylate	9.110	69	112554	30.161	ug/l	99
57) 1,3-Dichloropropane	9.299	76	117025	27.870	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.232	63	319738	169.368	ug/l	99
59) 2-Hexanone	9.427	43	441543	143.815	ug/l	100
60) Dibromochloromethane	9.512	129	78908	30.017	ug/l	97
61) 1,2-Dibromoethane	9.604	107	69460	28.456	ug/l	99
64) Tetrachloroethene	9.269	164	59471	28.198	ug/l	97
65) Chlorobenzene	10.073	112	181299	28.403	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	63425	28.620	ug/l	99
67) Ethyl Benzene	10.189	91	331122	28.964	ug/l	100
68) m/p-Xylenes	10.299	106	239773	57.666	ug/l	100
69) o-Xylene	10.640	106	117368	28.654	ug/l	99
70) Styrene	10.653	104	197959	29.282	ug/l	99
71) Bromoform	10.793	173	50015	30.226	ug/l #	98
73) Isopropylbenzene	10.957	105	318405	28.197	ug/l	100
74) N-amyl acetate	10.841	43	155431	28.775	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	104070	26.235	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	95115m	27.660	ug/l	
77) Bromobenzene	11.195	156	70252	26.925	ug/l	97
78) n-propylbenzene	11.299	91	369898	28.439	ug/l	100
79) 2-Chlorotoluene	11.360	91	225340	27.100	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	266484	28.538	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.012	75	30023	29.631	ug/l	98
82) 4-Chlorotoluene	11.451	91	262543	28.319	ug/l	100
83) tert-Butylbenzene	11.713	119	267189	28.902	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	265561	28.335	ug/l	100
85) sec-Butylbenzene	11.890	105	334300	29.442	ug/l	100
86) p-Isopropyltoluene	12.006	119	278907	29.794	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	131674	27.724	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	132721	27.564	ug/l	98
89) n-Butylbenzene	12.329	91	254556	31.358	ug/l	100
90) Hexachloroethane	12.536	117	48883	30.385	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	131210	27.787	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	24877	29.986	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	81121	30.864	ug/l	97
94) Hexachlorobutadiene	13.725	225	34369	30.345	ug/l	99
95) Naphthalene	13.774	128	284434	29.080	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	80670	29.311	ug/l	99

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

