

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042125\
 Data File : VX045865.D
 Acq On : 21 Apr 2025 08:55
 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 22 01:22:36 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 04/22/2025
 Supervised By : Semsettin Yesilyurt 04/22/2025

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	104369	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	173438	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	149324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	92220	48.317	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.640%		
35) Dibromofluoromethane	5.379	113	65405	53.151	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.300%		
50) Toluene-d8	8.641	98	212520	49.480	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.960%		
62) 4-Bromofluorobenzene	11.079	95	82595	52.794	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	105.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	75413	48.316	ug/l	100
3) Chloromethane	1.301	50	68764	42.884	ug/l	98
4) Vinyl Chloride	1.374	62	65741	44.799	ug/l	99
5) Bromomethane	1.593	94	29280	42.081	ug/l	99
6) Chloroethane	1.666	64	37028	47.559	ug/l	99
7) Trichlorofluoromethane	1.874	101	106400	48.623	ug/l	99
8) Diethyl Ether	2.130	74	34694	47.224	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	64787	50.525	ug/l	98
10) Methyl Iodide	2.441	142	74377	46.503	ug/l	99
11) Tert butyl alcohol	2.971	59	60720	236.720	ug/l	99
12) 1,1-Dichloroethene	2.307	96	57448	45.850	ug/l	98
13) Acrolein	2.233	56	36930	104.550	ug/l	99
14) Allyl chloride	2.654	41	114945	48.350	ug/l	99
15) Acrylonitrile	3.063	53	183200	226.258	ug/l	99
16) Acetone	2.380	43	197068	251.446	ug/l	97
17) Carbon Disulfide	2.502	76	124251	40.151	ug/l	98
18) Methyl Acetate	2.703	43	102743	56.938	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	217550	49.635	ug/l	98
20) Methylene Chloride	2.782	84	67471	45.984	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	56548	44.176	ug/l	94
22) Diisopropyl ether	3.758	45	226979	48.469	ug/l	99
23) Vinyl Acetate	3.715	43	967508	239.124	ug/l	100
24) 1,1-Dichloroethane	3.599	63	124502	47.010	ug/l	99
25) 2-Butanone	4.550	43	267506	233.174	ug/l	97
26) 2,2-Dichloropropane	4.465	77	101945	59.578	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	72648	46.584	ug/l	97
28) Bromochloromethane	4.885	49	58392	45.625	ug/l	98
29) Tetrahydrofuran	4.995	42	162764	218.830	ug/l	100
30) Chloroform	5.080	83	130898	48.034	ug/l	96
31) Cyclohexane	5.458	56	101563	43.379	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	113524	49.232	ug/l	98
36) 1,1-Dichloropropene	5.684	75	80555	48.484	ug/l	99
37) Ethyl Acetate	4.709	43	99023	47.293	ug/l	99
38) Carbon Tetrachloride	5.666	117	96121	53.530	ug/l	99
39) Methylcyclohexane	7.373	83	102228	50.194	ug/l	99
40) Benzene	6.025	78	244843	48.251	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	57580	52.120	ug/l	98
42) 1,2-Dichloroethane	6.074	62	107593	51.337	ug/l	99
43) Isopropyl Acetate	6.336	43	164142	51.724	ug/l	100
44) Trichloroethene	7.123	130	60319	50.012	ug/l	98
45) 1,2-Dichloropropane	7.422	63	63403	50.078	ug/l	98
46) Dibromomethane	7.574	93	49004	50.420	ug/l	98
47) Bromodichloromethane	7.812	83	103113	53.125	ug/l	97
48) Methyl methacrylate	7.690	41	83710	51.089	ug/l	99
49) 1,4-Dioxane	7.659	88	28455	959.860	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	528286	251.118	ug/l	100
52) Toluene	8.714	92	147542	48.052	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	92540	49.598	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	99941	54.793	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	61276	50.081	ug/l	98
56) Ethyl methacrylate	9.110	69	100049	52.836	ug/l	99
57) 1,3-Dichloropropane	9.305	76	105098	49.327	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	256315	267.578	ug/l	99
59) 2-Hexanone	9.427	43	389180	249.815	ug/l	99
60) Dibromochloromethane	9.519	129	73494	55.097	ug/l	97
61) 1,2-Dibromoethane	9.604	107	63347	51.144	ug/l	98
64) Tetrachloroethene	9.269	164	55397	52.545	ug/l	98
65) Chlorobenzene	10.073	112	162716	50.995	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	58922	53.189	ug/l	99
67) Ethyl Benzene	10.189	91	295114	51.641	ug/l	100
68) m/p-Xylenes	10.299	106	212978	102.467	ug/l	98
69) o-Xylene	10.640	106	106220	51.877	ug/l	99
70) Styrene	10.653	104	180308	53.355	ug/l	99
71) Bromoform	10.799	173	47399	57.304	ug/l #	98
73) Isopropylbenzene	10.957	105	286543	49.696	ug/l	100
74) N-amyl acetate	10.842	43	140524	50.949	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	94345	46.579	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	83816m	47.736	ug/l	
77) Bromobenzene	11.195	156	64387	48.330	ug/l	99
78) n-propylbenzene	11.299	91	334925	50.430	ug/l	100
79) 2-Chlorotoluene	11.360	91	204462	48.156	ug/l	100
80) 1,3,5-Trimethylbenzene	11.445	105	239764	50.287	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	28036	54.191	ug/l	98
82) 4-Chlorotoluene	11.451	91	236012	49.856	ug/l	99
83) tert-Butylbenzene	11.713	119	238587	50.544	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	244318	51.054	ug/l	99
85) sec-Butylbenzene	11.890	105	300930	51.905	ug/l	100
86) p-Isopropyltoluene	12.006	119	249503	52.199	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	119864	49.427	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	120214	48.897	ug/l	98
89) n-Butylbenzene	12.329	91	229161	55.287	ug/l	99
90) Hexachloroethane	12.536	117	45924	55.905	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	121463	50.378	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22708	53.607	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	71161	53.024	ug/l	99
94) Hexachlorobutadiene	13.719	225	30438	52.632	ug/l	98
95) Naphthalene	13.774	128	254914	51.041	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	73363	52.204	ug/l	100

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

