

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042225\
 Data File : VX045875.D
 Acq On : 22 Apr 2025 10:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/23/2025
 Supervised By : Mahesh Dadoda 04/23/2025

Quant Time: Apr 23 01:32:24 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	5.544	168	84256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	145916	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66121	42.913	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.820%		
35) Dibromofluoromethane	5.373	113	45876	44.313	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.620%		
50) Toluene-d8	8.641	98	155829	43.124	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	86.240%		
62) 4-Bromofluorobenzene	11.079	95	61180	46.481	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	58049	46.069	ug/l	100
3) Chloromethane	1.301	50	57562	44.467	ug/l	99
4) Vinyl Chloride	1.374	62	52837	44.601	ug/l	100
5) Bromomethane	1.593	94	24964	44.443	ug/l	98
6) Chloroethane	1.673	64	29699	47.252	ug/l	100
7) Trichlorofluoromethane	1.874	101	85768	48.551	ug/l	98
8) Diethyl Ether	2.130	74	27667	46.649	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	52230	50.456	ug/l	98
10) Methyl Iodide	2.447	142	63676	49.316	ug/l	99
11) Tert butyl alcohol	2.965	59	51933	250.794	ug/l	98
12) 1,1-Dichloroethene	2.313	96	47137	46.601	ug/l	96
13) Acrolein	2.233	56	60077	210.681	ug/l	100
14) Allyl chloride	2.654	41	94012	48.985	ug/l	99
15) Acrylonitrile	3.056	53	150099	229.629	ug/l	99
16) Acetone	2.380	43	159428	251.978	ug/l	98
17) Carbon Disulfide	2.502	76	116752	46.734	ug/l	99
18) Methyl Acetate	2.697	43	72431	49.722	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	173375	48.999	ug/l	98
20) Methylene Chloride	2.782	84	54821	46.282	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	49054	47.470	ug/l	98
22) Diisopropyl ether	3.758	45	181999	48.141	ug/l	98
23) Vinyl Acetate	3.715	43	818166	250.484	ug/l	100
24) 1,1-Dichloroethane	3.599	63	100027	46.785	ug/l	100
25) 2-Butanone	4.550	43	223267	241.070	ug/l	99
26) 2,2-Dichloropropane	4.465	77	80562	58.320	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	60105	47.741	ug/l	97
28) Bromochloromethane	4.885	49	39129	37.872	ug/l	99
29) Tetrahydrofuran	4.995	42	136709	227.676	ug/l	99
30) Chloroform	5.080	83	105726	48.058	ug/l	97
31) Cyclohexane	5.458	56	90310	47.780	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	92590	49.739	ug/l	98
36) 1,1-Dichloropropene	5.684	75	71402	51.081	ug/l	98
37) Ethyl Acetate	4.709	43	82988	47.111	ug/l	98
38) Carbon Tetrachloride	5.666	117	78287	51.821	ug/l	98
39) Methylcyclohexane	7.373	83	90981	53.098	ug/l	98
40) Benzene	6.025	78	207501	48.605	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	47909	51.546	ug/l	99
42) 1,2-Dichloroethane	6.080	62	89280	50.634	ug/l	100
43) Isopropyl Acetate	6.330	43	133669	50.066	ug/l	99
44) Trichloroethene	7.117	130	50164	49.437	ug/l	98
45) 1,2-Dichloropropane	7.422	63	52170	48.978	ug/l	97
46) Dibromomethane	7.574	93	40457	49.478	ug/l	98
47) Bromodichloromethane	7.818	83	83263	50.989	ug/l	99
48) Methyl methacrylate	7.690	41	70024	50.797	ug/l	99
49) 1,4-Dioxane	7.653	88	26737	1072.021	ug/l	100
51) 4-Methyl-2-Pentanone	8.568	43	440282	248.760	ug/l	100
52) Toluene	8.714	92	129497	50.129	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	75358	48.081	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	82770	53.938	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	50217	48.783	ug/l	98
56) Ethyl methacrylate	9.110	69	83591	52.471	ug/l	99
57) 1,3-Dichloropropane	9.305	76	89365	49.854	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	168733	209.371	ug/l	99
59) 2-Hexanone	9.427	43	333537	254.480	ug/l	99
60) Dibromochloromethane	9.519	129	58752	52.353	ug/l	98
61) 1,2-Dibromoethane	9.604	107	53510	51.351	ug/l	98
64) Tetrachloroethene	9.269	164	44237	48.686	ug/l	98
65) Chlorobenzene	10.073	112	138646	50.417	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	47872	50.141	ug/l	100
67) Ethyl Benzene	10.189	91	253103	51.389	ug/l	99
68) m/p-Xylenes	10.299	106	185053	103.303	ug/l	99
69) o-Xylene	10.640	106	90879	51.499	ug/l	99
70) Styrene	10.653	104	152852	52.480	ug/l	100
71) Bromoform	10.799	173	37295	52.316	ug/l #	99
73) Isopropylbenzene	10.957	105	244723	49.250	ug/l	100
74) N-amyl acetate	10.842	43	119405	50.235	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	80197	45.944	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	71161m	47.028	ug/l	
77) Bromobenzene	11.195	156	54721	47.662	ug/l	99
78) n-propylbenzene	11.299	91	286261	50.015	ug/l	99
79) 2-Chlorotoluene	11.360	91	175599	47.991	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	206838	50.339	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	21987	49.315	ug/l	100
82) 4-Chlorotoluene	11.451	91	203789	49.954	ug/l	100
83) tert-Butylbenzene	11.713	119	201998	49.656	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	207972	50.429	ug/l	100
85) sec-Butylbenzene	11.890	105	256327	51.302	ug/l	100
86) p-Isopropyltoluene	12.006	119	211405	51.321	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	103069	49.318	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	102094	48.187	ug/l	99
89) n-Butylbenzene	12.329	91	191851	53.709	ug/l	99
90) Hexachloroethane	12.536	117	37394	52.822	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	100727	48.478	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18308	50.151	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	59624	51.553	ug/l	99
94) Hexachlorobutadiene	13.725	225	26202	52.574	ug/l	98
95) Naphthalene	13.774	128	214297	49.790	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	60733	50.148	ug/l	99

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

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