

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045401.D
 Acq On : 21 Mar 2025 20:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 22 02:54:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2025
 Supervised By :Mahesh Dadoda 03/24/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	74853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134934	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	115975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65462	54.980	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.960%			
35) Dibromofluoromethane	5.379	113	48269	53.497	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.000%			
50) Toluene-d8	8.647	98	161646	49.417	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.840%			
62) 4-Bromofluorobenzene	11.079	95	56960	52.550	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	44493	47.221	ug/l	96
3) Chloromethane	1.307	50	49810	43.198	ug/l	99
4) Vinyl Chloride	1.374	62	50137	43.831	ug/l	98
5) Bromomethane	1.593	94	22345	49.692	ug/l	100
6) Chloroethane	1.660	64	23804	45.116	ug/l	98
7) Trichlorofluoromethane	1.868	101	74964	49.505	ug/l	99
8) Diethyl Ether	2.136	74	28674	48.412	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.313	101	47964	55.132	ug/l	99
10) Methyl Iodide	2.441	142	59117	54.375	ug/l	94
11) Tert butyl alcohol	2.989	59	48799	216.377	ug/l	98
12) 1,1-Dichloroethene	2.307	96	46209	50.239	ug/l	95
13) Acrolein	2.239	56	65119	249.782	ug/l	99
14) Allyl chloride	2.654	41	90404	55.217	ug/l	94
15) Acrylonitrile	3.062	53	163717	270.857	ug/l	99
16) Acetone	2.386	43	150609	272.633	ug/l	94
17) Carbon Disulfide	2.502	76	93735	38.262	ug/l	98
18) Methyl Acetate	2.703	43	98631	74.217	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	176330	57.141	ug/l	99
20) Methylene Chloride	2.782	84	56599	51.722	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	47043	51.770	ug/l	98
22) Diisopropyl ether	3.764	45	190414	57.185	ug/l	97
23) Vinyl Acetate	3.721	43	785465	282.670	ug/l	98
24) 1,1-Dichloroethane	3.599	63	103230	55.318	ug/l	99
25) 2-Butanone	4.562	43	235908	283.702	ug/l	99
26) 2,2-Dichloropropane	4.471	77	60745	69.398	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	60830	54.229	ug/l	94
28) Bromochloromethane	4.891	49	51351	57.732	ug/l	99
29) Tetrahydrofuran	5.007	42	150362	269.265	ug/l	100
30) Chloroform	5.087	83	108341	58.430	ug/l	97
31) Cyclohexane	5.465	56	78351	48.368	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	85762	57.268	ug/l	97
36) 1,1-Dichloropropene	5.684	75	66133	53.446	ug/l	99
37) Ethyl Acetate	4.715	43	87199	54.690	ug/l	99
38) Carbon Tetrachloride	5.672	117	70522	56.138	ug/l	97
39) Methylcyclohexane	7.373	83	76690	51.725	ug/l	96
40) Benzene	6.031	78	210474	53.866	ug/l	99

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41) Methacrylonitrile	4.922	41	51712	59.981	ug/l	98
42) 1,2-Dichloroethane	6.080	62	86759	61.661	ug/l	97
43) Isopropyl Acetate	6.342	43	135762	57.582	ug/l	98
44) Trichloroethene	7.123	130	49047	53.459	ug/l	96
45) 1,2-Dichloropropane	7.428	63	55501	55.246	ug/l	96
46) Dibromomethane	7.580	93	41450	58.374	ug/l	96
47) Bromodichloromethane	7.818	83	82269	59.068	ug/l	99
48) Methyl methacrylate	7.690	41	69727	58.949	ug/l	94
49) 1,4-Dioxane	7.665	88	24595	985.741	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	463190	292.590	ug/l	99
52) Toluene	8.714	92	126198	55.048	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	68896	59.170	ug/l	94
54) cis-1,3-Dichloropropene	8.360	75	79164	58.304	ug/l #	88
55) 1,1,2-Trichloroethane	9.147	97	52975	56.131	ug/l	99
56) Ethyl methacrylate	9.116	69	83667	58.321	ug/l	93
57) 1,3-Dichloropropane	9.305	76	91764	56.184	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	229112	327.394	ug/l	98
59) 2-Hexanone	9.427	43	338175	294.834	ug/l	98
60) Dibromochloromethane	9.519	129	57002	57.765	ug/l	99
61) 1,2-Dibromoethane	9.604	107	53600	56.890	ug/l	98
64) Tetrachloroethene	9.269	164	39719	53.474	ug/l	96
65) Chlorobenzene	10.080	112	132438	53.968	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	45778	56.016	ug/l	99
67) Ethyl Benzene	10.189	91	239507	56.012	ug/l	98
68) m/p-Xylenes	10.299	106	175085	111.853	ug/l	96
69) o-Xylene	10.640	106	85276	54.016	ug/l	94
70) Styrene	10.653	104	145711	57.041	ug/l	97
71) Bromoform	10.799	173	35721	57.963	ug/l #	97
73) Isopropylbenzene	10.957	105	227633	54.369	ug/l	99
74) N-amyl acetate	10.842	43	110444	56.217	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	83518	54.359	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	68356m	54.751	ug/l	
77) Bromobenzene	11.195	156	51333	51.964	ug/l	96
78) n-propylbenzene	11.299	91	262384	55.477	ug/l	98
79) 2-Chlorotoluene	11.360	91	160491	53.282	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	183136	54.096	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	18639	51.090	ug/l #	83
82) 4-Chlorotoluene	11.451	91	179417	54.654	ug/l	99
83) tert-Butylbenzene	11.713	119	186344	53.572	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	187934	55.172	ug/l	98
85) sec-Butylbenzene	11.890	105	230317	55.276	ug/l	100
86) p-Isopropyltoluene	12.006	119	188467	55.971	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	93653	53.143	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	93536	52.463	ug/l	99
89) n-Butylbenzene	12.329	91	166636	57.458	ug/l	99
90) Hexachloroethane	12.536	117	32352	53.118	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	95638	54.100	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17831	59.571	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	57341	56.965	ug/l	98
94) Hexachlorobutadiene	13.725	225	22756	55.141	ug/l	98
95) Naphthalene	13.774	128	219620	56.787	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	58600	55.183	ug/l	98

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

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