

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044946.D
 Acq On : 12 Feb 2025 20:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 13 00:55:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/14/2025
 Supervised By : Mahesh Dadoda 02/14/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	108522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	198728	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	178828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	80774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	77052	48.504	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.000%		
35) Dibromofluoromethane	5.379	113	60687	46.969	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.940%		
50) Toluene-d8	8.647	98	223161	45.675	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.360%		
62) 4-Bromofluorobenzene	11.079	95	79430	48.224	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	72084	47.359	ug/l	98
3) Chloromethane	1.300	50	87475	47.220	ug/l	98
4) Vinyl Chloride	1.374	62	81080	45.178	ug/l	99
5) Bromomethane	1.593	94	27426	51.069	ug/l	96
6) Chloroethane	1.666	64	44034	68.385	ug/l	98
7) Trichlorofluoromethane	1.874	101	109884	48.416	ug/l	99
8) Diethyl Ether	2.130	74	39489	47.977	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	63924	46.617	ug/l	99
10) Methyl Iodide	2.447	142	87583	49.282	ug/l	97
11) Tert butyl alcohol	2.977	59	68514	232.483	ug/l	99
12) 1,1-Dichloroethene	2.312	96	65314	46.694	ug/l	97
13) Acrolein	2.233	56	78133	256.964	ug/l	100
14) Allyl chloride	2.654	41	118054	46.700	ug/l	97
15) Acrylonitrile	3.062	53	202302	257.102	ug/l	99
16) Acetone	2.380	43	164755	257.987	ug/l	97
17) Carbon Disulfide	2.501	76	164956	43.006	ug/l	99
18) Methyl Acetate	2.703	43	106621	52.907	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	214786	48.262	ug/l	100
20) Methylene Chloride	2.782	84	74373	47.546	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	65906	47.873	ug/l	93
22) Diisopropyl ether	3.757	45	238141	49.794	ug/l	99
23) Vinyl Acetate	3.715	43	961245	246.538	ug/l	99
24) 1,1-Dichloroethane	3.605	63	129256	48.302	ug/l	98
25) 2-Butanone	4.556	43	271094	261.422	ug/l	97
26) 2,2-Dichloropropane	4.471	77	88768	41.829	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	80240	48.523	ug/l	98
28) Bromochloromethane	4.891	49	58978	45.861	ug/l	99
29) Tetrahydrofuran	5.001	42	179030	259.995	ug/l	99
30) Chloroform	5.086	83	127059	48.960	ug/l	100
31) Cyclohexane	5.458	56	113766	46.115	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	105575	47.962	ug/l	99
36) 1,1-Dichloropropene	5.684	75	87398	46.885	ug/l	100
37) Ethyl Acetate	4.708	43	103482	49.909	ug/l	99
38) Carbon Tetrachloride	5.666	117	86813	47.524	ug/l	98
39) Methylcyclohexane	7.373	83	112061	46.499	ug/l	95
40) Benzene	6.031	78	280015	48.106	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	59722	53.812	ug/l	98
42) 1,2-Dichloroethane	6.080	62	94923	51.167	ug/l	99
43) Isopropyl Acetate	6.336	43	169437	50.605	ug/l	99
44) Trichloroethene	7.117	130	61715	46.385	ug/l	98
45) 1,2-Dichloropropane	7.427	63	70100	48.407	ug/l	97
46) Dibromomethane	7.580	93	49903	49.691	ug/l	98
47) Bromodichloromethane	7.818	83	96846	49.803	ug/l	97
48) Methyl methacrylate	7.690	41	82133	52.025	ug/l	99
49) 1,4-Dioxane	7.659	88	32859	970.105	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	548124	269.277	ug/l	99
52) Toluene	8.714	92	169085	48.775	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	92960	47.240	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	105250	47.971	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	66760	50.097	ug/l	98
56) Ethyl methacrylate	9.116	69	110282	51.239	ug/l	98
57) 1,3-Dichloropropane	9.305	76	114977	49.311	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	274468	259.716	ug/l	100
59) 2-Hexanone	9.427	43	407121	277.591	ug/l	97
60) Dibromochloromethane	9.519	129	70163	49.231	ug/l	99
61) 1,2-Dibromoethane	9.604	107	67019	49.619	ug/l	99
64) Tetrachloroethene	9.269	164	52500	46.552	ug/l	95
65) Chlorobenzene	10.073	112	182243	47.447	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	58380	47.222	ug/l	99
67) Ethyl Benzene	10.189	91	321600	47.447	ug/l	99
68) m/p-Xylenes	10.299	106	239927	95.958	ug/l	99
69) o-Xylene	10.640	106	119184	47.505	ug/l	100
70) Styrene	10.652	104	200646	49.640	ug/l	98
71) Bromoform	10.799	173	44310	48.025	ug/l #	100
73) Isopropylbenzene	10.957	105	307260	47.243	ug/l	99
74) N-amyl acetate	10.841	43	146530	49.788	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	104911	46.942	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	86294m	48.185	ug/l	
77) Bromobenzene	11.195	156	69858	47.377	ug/l	99
78) n-propylbenzene	11.299	91	359442	47.881	ug/l	100
79) 2-Chlorotoluene	11.360	91	213977	46.378	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	252288	47.801	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29523	42.406	ug/l	91
82) 4-Chlorotoluene	11.451	91	244793	47.958	ug/l	99
83) tert-Butylbenzene	11.713	119	253035	47.391	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	256030	49.150	ug/l	99
85) sec-Butylbenzene	11.890	105	320813	48.523	ug/l	99
86) p-Isopropyltoluene	12.006	119	258941	48.701	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	126325	46.587	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	126465	46.128	ug/l	100
89) n-Butylbenzene	12.329	91	231584	49.233	ug/l	100
90) Hexachloroethane	12.536	117	45316	45.518	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	126735	47.556	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20041	49.133	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	75475	46.804	ug/l	100
94) Hexachlorobutadiene	13.719	225	28958	45.235	ug/l	99
95) Naphthalene	13.774	128	284275	48.767	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	76278	46.943	ug/l	99

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

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