

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042963.D
 Acq On : 09 Aug 2024 00:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 09 05:46:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/09/2024
 Supervised By : Mahesh Dadoda 08/09/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	230896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	388392	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	344983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	171900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	165530	52.222	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.440%			
35) Dibromofluoromethane	5.385	113	130792	51.503	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.000%			
50) Toluene-d8	8.647	98	454584	50.424	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.840%			
62) 4-Bromofluorobenzene	11.079	95	169054	52.183	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.360%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	128041	51.447	ug/l	97
3) Chloromethane	1.294	50	131186	48.378	ug/l	99
4) Vinyl Chloride	1.374	62	131056	50.938	ug/l	99
5) Bromomethane	1.599	94	77237	49.603	ug/l	95
6) Chloroethane	1.666	64	70510	48.105	ug/l	98
7) Trichlorofluoromethane	1.867	101	190294	47.558	ug/l	99
8) Diethyl Ether	2.136	74	75171	51.076	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	127617	50.728	ug/l	96
10) Methyl Iodide	2.447	142	149133	57.331	ug/l	94
11) Tert butyl alcohol	3.001	59	160224	254.130	ug/l #	93
12) 1,1-Dichloroethene	2.306	96	125688	49.387	ug/l	94
13) Acrolein	2.239	56	174617	280.978	ug/l	100
14) Allyl chloride	2.660	41	198951	51.736	ug/l	94
15) Acrylonitrile	3.068	53	402559	250.160	ug/l	98
16) Acetone	2.392	43	317836	231.180	ug/l	94
17) Carbon Disulfide	2.501	76	286448	46.253	ug/l	99
18) Methyl Acetate	2.709	43	213179	48.896	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	437437	51.067	ug/l	98
20) Methylene Chloride	2.788	84	145892	51.342	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	128409	50.151	ug/l	94
22) Diisopropyl ether	3.763	45	438015	51.849	ug/l	99
23) Vinyl Acetate	3.721	43	2531322	264.011	ug/l	99
24) 1,1-Dichloroethane	3.605	63	248910	51.231	ug/l	99
25) 2-Butanone	4.568	43	543727	251.832	ug/l	96
26) 2,2-Dichloropropane	4.477	77	142503	47.710	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	154500	50.881	ug/l	91
28) Bromochloromethane	4.897	49	86114	46.191	ug/l	90
29) Tetrahydrofuran	5.013	42	359145	246.162	ug/l	96
30) Chloroform	5.092	83	256730	50.475	ug/l	98
31) Cyclohexane	5.470	56	201125	50.711	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	225582	50.380	ug/l	98
36) 1,1-Dichloropropene	5.690	75	167663	48.696	ug/l	97
37) Ethyl Acetate	4.721	43	213816	49.634	ug/l	100
38) Carbon Tetrachloride	5.672	117	191253	49.208	ug/l	98
39) Methylcyclohexane	7.379	83	208147	50.855	ug/l	97
40) Benzene	6.037	78	540540	50.585	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	117761	53.074	ug/l	95
42) 1,2-Dichloroethane	6.086	62	198686	51.118	ug/l	98
43) Isopropyl Acetate	6.342	43	323706	50.810	ug/l	97
44) Trichloroethene	7.123	130	130004	48.418	ug/l	99
45) 1,2-Dichloropropane	7.427	63	135753	50.081	ug/l	98
46) Dibromomethane	7.580	93	98555	49.504	ug/l	92
47) Bromodichloromethane	7.824	83	190883	51.613	ug/l	98
48) Methyl methacrylate	7.696	41	159465	52.200	ug/l	93
49) 1,4-Dioxane	7.671	88	71425	1053.240	ug/l #	77
51) 4-Methyl-2-Pentanone	8.574	43	1096319	256.900	ug/l	98
52) Toluene	8.720	92	330378	50.970	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	177518	51.925	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	196284	51.987	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	133107	50.514	ug/l	95
56) Ethyl methacrylate	9.116	69	221080	52.139	ug/l	94
57) 1,3-Dichloropropane	9.311	76	221482	51.309	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	520447	260.423	ug/l	99
59) 2-Hexanone	9.433	43	851257	257.430	ug/l	98
60) Dibromochloromethane	9.518	129	145965	50.426	ug/l	99
61) 1,2-Dibromoethane	9.610	107	138850	49.874	ug/l	98
64) Tetrachloroethene	9.275	164	122311	50.990	ug/l	97
65) Chlorobenzene	10.079	112	363438	49.645	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	127582	50.542	ug/l	99
67) Ethyl Benzene	10.195	91	627608	50.967	ug/l	99
68) m/p-Xylenes	10.299	106	486741	103.541	ug/l	98
69) o-Xylene	10.640	106	237902	50.519	ug/l	100
70) Styrene	10.652	104	404874	53.465	ug/l	97
71) Bromoform	10.799	173	106203	49.661	ug/l #	98
73) Isopropylbenzene	10.963	105	617769	49.707	ug/l	99
74) N-amyl acetate	10.841	43	288890	51.660	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	215267	47.281	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	177321m	45.867	ug/l	
77) Bromobenzene	11.195	156	153558	48.572	ug/l	91
78) n-propylbenzene	11.305	91	702040	50.854	ug/l	100
79) 2-Chlorotoluene	11.366	91	431805	48.801	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	523023	50.825	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	59077	49.687	ug/l	95
82) 4-Chlorotoluene	11.451	91	502147	50.490	ug/l	97
83) tert-Butylbenzene	11.713	119	514187	48.620	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	533084	51.456	ug/l	99
85) sec-Butylbenzene	11.890	105	640814	51.459	ug/l	100
86) p-Isopropyltoluene	12.006	119	535150	51.724	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	280005	48.939	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	275470	46.973	ug/l	98
89) n-Butylbenzene	12.329	91	457293	51.234	ug/l	98
90) Hexachloroethane	12.536	117	90957	48.060	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	285380	49.810	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	49362	49.342	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	169249	48.429	ug/l	97
94) Hexachlorobutadiene	13.725	225	71871	48.490	ug/l	98
95) Naphthalene	13.774	128	613742	50.750	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	177541	50.468	ug/l	99

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

