

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
 Data File : VX031210.D
 Acq On : 08 Sep 2022 14:30
 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 :Krupa Patel 09/09/2022
 Supervised By :Mahesh Dadoda 09/09/2022

Quant Time: Sep 08 18:39:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	41409	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	68279	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	77174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60645	61.859	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 123.720%			
35) Dibromofluoromethane	5.385	113	43601	58.599	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.200%			
50) Toluene-d8	8.647	98	150257	55.582	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.160%			
62) 4-Bromofluorobenzene	11.079	95	60865	61.438	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 122.880%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	34780	52.265	ug/l	96
3) Chloromethane	1.288	50	22734	44.458	ug/l	93
4) Vinyl Chloride	1.374	62	29432	48.757	ug/l	98
5) Bromomethane	1.605	94	19743	51.190	ug/l	90
6) Chloroethane	1.678	64	19083	56.354	ug/l	100
7) Trichlorofluoromethane	1.886	101	74929	56.965	ug/l	96
8) Diethyl Ether	2.130	74	18992	50.834	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.325	101	39486	53.084	ug/l	98
10) Methyl Iodide	2.447	142	43661	47.469	ug/l #	81
11) Tert butyl alcohol	2.977	59	51915	301.404	ug/l	97
12) 1,1-Dichloroethene	2.319	96	34815	49.797	ug/l	91
13) Acrolein	2.239	56	37607	276.204	ug/l	98
14) Allyl chloride	2.660	41	48924	52.091	ug/l #	77
15) Acrylonitrile	3.068	53	99103	265.475	ug/l	96
16) Acetone	2.386	43	95322	280.809	ug/l	91
17) Carbon Disulfide	2.508	76	90321	52.547	ug/l	99
18) Methyl Acetate	2.703	43	46867	53.332	ug/l #	88
19) Methyl tert-butyl Ether	3.117	73	138759	55.879	ug/l	91
20) Methylene Chloride	2.788	84	40507	50.771	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	40426	52.186	ug/l	99
22) Diisopropyl ether	3.763	45	100801	51.111	ug/l #	87
23) Vinyl Acetate	3.721	43	455833	275.363	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	71281	54.491	ug/l	99
25) 2-Butanone	4.556	43	135005	268.500	ug/l	95
26) 2,2-Dichloropropane	4.477	77	70129	59.910	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	46392	52.162	ug/l	97
28) Bromochloromethane	4.897	49	23752	50.074	ug/l #	75
29) Tetrahydrofuran	5.007	42	75687	254.959	ug/l #	77
30) Chloroform	5.092	83	84204	54.418	ug/l	99
31) Cyclohexane	5.470	56	54297	49.562	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	81581	58.496	ug/l	98
36) 1,1-Dichloropropene	5.690	75	57937	51.995	ug/l	94
37) Ethyl Acetate	4.714	43	49270	49.843	ug/l	97
38) Carbon Tetrachloride	5.678	117	71598	61.071	ug/l	95
39) Methylcyclohexane	7.379	83	67001	52.648	ug/l	96
40) Benzene	6.037	78	151774	50.140	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	27402	53.014	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	75375	60.819	ug/l	92
43) Isopropyl Acetate	6.342	43	81022	51.986	ug/l #	97
44) Trichloroethene	7.129	130	41637	48.935	ug/l	97
45) 1,2-Dichloropropane	7.433	63	36502	49.068	ug/l	99
46) Dibromomethane	7.580	93	32058	54.346	ug/l	94
47) Bromodichloromethane	7.824	83	68722	59.890	ug/l	96
48) Methyl methacrylate	7.696	41	41760	55.024	ug/l	85
49) 1,4-Dioxane	7.677	88	23192	1106.951	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	261754	274.270	ug/l	91
52) Toluene	8.720	92	104901	52.542	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	72088	60.306	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	71831	55.972	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	44241	53.898	ug/l	98
56) Ethyl methacrylate	9.116	69	67820	56.081	ug/l	91
57) 1,3-Dichloropropane	9.311	76	74579	52.583	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	145502	255.288	ug/l	93
59) 2-Hexanone	9.433	43	202040	279.944	ug/l	93
60) Dibromochloromethane	9.525	129	50556	59.741	ug/l	98
61) 1,2-Dibromoethane	9.610	107	49938	54.746	ug/l	98
64) Tetrachloroethene	9.275	164	39983	49.768	ug/l	91
65) Chlorobenzene	10.079	112	113458	49.933	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	45970	51.796	ug/l	96
67) Ethyl Benzene	10.195	91	214940	52.200	ug/l	98
68) m/p-Xylenes	10.305	106	158279	103.694	ug/l	84
69) o-Xylene	10.640	106	78403	51.466	ug/l	86
70) Styrene	10.659	104	130115	53.262	ug/l #	92
71) Bromoform	10.799	173	34767	58.794	ug/l #	97
73) Isopropylbenzene	10.963	105	217125	50.911	ug/l	97
74) N-amyl acetate	10.841	43	68607	50.529	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	64117	48.161	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	65122m	48.585	ug/l	
77) Bromobenzene	11.201	156	46350	50.005	ug/l	94
78) n-propylbenzene	11.305	91	252764	51.995	ug/l	98
79) 2-Chlorotoluene	11.366	91	155045	51.479	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	187098	52.184	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	21553	51.856	ug/l #	85
82) 4-Chlorotoluene	11.457	91	180554	51.815	ug/l	94
83) tert-Butylbenzene	11.719	119	179523	50.792	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	182815	52.449	ug/l	96
85) sec-Butylbenzene	11.890	105	228413	52.180	ug/l	99
86) p-Isopropyltoluene	12.012	119	193780	54.796	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	91096	52.880	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	89927	50.761	ug/l	97
89) n-Butylbenzene	12.335	91	171023	56.091	ug/l	99
90) Hexachloroethane	12.542	117	33228	54.685	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	86478	51.189	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18333	50.140	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	52548	53.191	ug/l	97
94) Hexachlorobutadiene	13.725	225	20260	48.294	ug/l	97
95) Naphthalene	13.780	128	193489	49.997	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	49963	49.674	ug/l	97

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

