

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033034.D
 Acq On : 24 Nov 2022 02:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 24 04:36:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/25/2022
 Supervised By : Mahesh Dadoda 11/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	116427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	192744	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60215	53.124	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.240%			
35) Dibromofluoromethane	5.385	113	51303	47.213	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.420%			
50) Toluene-d8	8.647	98	154864	47.248	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.500%			
62) 4-Bromofluorobenzene	11.079	95	69670	48.809	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.620%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	40972	46.062	ug/l	99
3) Chloromethane	1.295	50	44475	46.316	ug/l	99
4) Vinyl Chloride	1.374	62	50357	47.098	ug/l	97
5) Bromomethane	1.618	94	32039	40.410	ug/l	95
6) Chloroethane	1.691	64	41368	47.526	ug/l	99
7) Trichlorofluoromethane	1.886	101	113119	54.512	ug/l	100
8) Diethyl Ether	2.130	74	37165	56.887	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	56493	51.795	ug/l	98
10) Methyl Iodide	2.453	142	45070	36.097	ug/l	100
11) Tert butyl alcohol	3.087	59	57015m	317.220	ug/l	
12) 1,1-Dichloroethene	2.319	96	51921	51.102	ug/l	96
13) Acrolein	2.240	56	44265	214.409	ug/l	100
14) Allyl chloride	2.666	41	86139	52.514	ug/l	99
15) Acrylonitrile	3.069	53	141421	278.185	ug/l	99
16) Acetone	2.398	43	125709	237.403	ug/l	99
17) Carbon Disulfide	2.514	76	130280	46.412	ug/l	99
18) Methyl Acetate	2.703	43	81222	55.412	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	198488	56.330	ug/l	100
20) Methylene Chloride	2.788	84	60666	55.196	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	58986	50.753	ug/l	99
22) Diisopropyl ether	3.751	45	207735	58.161	ug/l #	80
23) Vinyl Acetate	3.721	43	811350	290.199	ug/l	99
24) 1,1-Dichloroethane	3.605	63	109757	53.700	ug/l	99
25) 2-Butanone	4.562	43	202035	276.700	ug/l	99
26) 2,2-Dichloropropane	4.477	77	77309	47.042	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	72248	54.713	ug/l	100
28) Bromochloromethane	4.891	49	48583	54.096	ug/l	100
29) Tetrahydrofuran	5.007	42	132920	286.888	ug/l	100
30) Chloroform	5.093	83	127289	55.605	ug/l	95
31) Cyclohexane	5.465	56	94590	51.488	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	111214	54.249	ug/l	100
36) 1,1-Dichloropropene	5.690	75	87768	50.515	ug/l	99
37) Ethyl Acetate	4.709	43	83480	55.072	ug/l	98
38) Carbon Tetrachloride	5.672	117	98495	51.102	ug/l	96
39) Methylcyclohexane	7.379	83	99233	50.057	ug/l	99
40) Benzene	6.032	78	255138	52.374	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	46986	55.088	ug/l	97
42) 1,2-Dichloroethane	6.080	62	107227	54.668	ug/l	100
43) Isopropyl Acetate	6.336	43	137125	54.699	ug/l	99
44) Trichloroethene	7.123	130	69110	50.557	ug/l	98
45) 1,2-Dichloropropane	7.428	63	66347	55.111	ug/l	99
46) Dibromomethane	7.580	93	51206	54.511	ug/l	98
47) Bromodichloromethane	7.818	83	101950	56.167	ug/l	99
48) Methyl methacrylate	7.690	41	71362	55.302	ug/l	99
49) 1,4-Dioxane	7.726	88	30486	1283.438	ug/l #	77
51) 4-Methyl-2-Pentanone	8.574	43	436036	281.874	ug/l	99
52) Toluene	8.714	92	167833	52.367	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	101117	51.790	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	107764	55.071	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	70763	54.231	ug/l	99
56) Ethyl methacrylate	9.116	69	102293	56.898	ug/l	99
57) 1,3-Dichloropropane	9.305	76	114886	54.540	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	229974	269.381	ug/l	100
59) 2-Hexanone	9.427	43	324975	284.384	ug/l	100
60) Dibromochloromethane	9.519	129	79737	56.759	ug/l	100
61) 1,2-Dibromoethane	9.610	107	75303	54.676	ug/l	99
64) Tetrachloroethene	9.275	164	59959	47.448	ug/l	97
65) Chlorobenzene	10.080	112	181186	50.905	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	72736	55.772	ug/l	99
67) Ethyl Benzene	10.195	91	332386	52.644	ug/l	99
68) m/p-Xylenes	10.299	106	259057	104.779	ug/l	100
69) o-Xylene	10.640	106	127467	53.283	ug/l	99
70) Styrene	10.653	104	215778	55.134	ug/l	99
71) Bromoform	10.799	173	56327	56.331	ug/l #	99
73) Isopropylbenzene	10.964	105	340004	50.978	ug/l	100
74) N-amyl acetate	10.842	43	128033	56.431	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	105436	52.377	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	96792m	54.759	ug/l	
77) Bromobenzene	11.195	156	83474	50.890	ug/l	98
78) n-propylbenzene	11.305	91	393911	51.656	ug/l	99
79) 2-Chlorotoluene	11.366	91	236666	51.099	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	292224	52.155	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	29135	53.576	ug/l	98
82) 4-Chlorotoluene	11.451	91	276401	50.926	ug/l	100
83) tert-Butylbenzene	11.713	119	282566	50.664	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	292953	52.437	ug/l	99
85) sec-Butylbenzene	11.890	105	344944	51.697	ug/l	100
86) p-Isopropyltoluene	12.006	119	298550	52.811	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	155477	50.535	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	160317	50.880	ug/l	98
89) n-Butylbenzene	12.329	91	250363	51.408	ug/l	100
90) Hexachloroethane	12.536	117	47088	50.699	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	156295	52.223	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22397	55.764	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	94449	51.196	ug/l	99
94) Hexachlorobutadiene	13.725	225	38359	47.129	ug/l	98
95) Naphthalene	13.774	128	321061	53.795	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	95470	51.604	ug/l	100

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

