

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX033007.D
 Acq On : 23 Nov 2022 02:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 23 05:53:12 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 11/23/2022
 Supervised By : Mahesh Dadoda 11/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	125607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201237	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62246	50.763	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	101.520%		
35) Dibromofluoromethane	5.385	113	52401	46.189	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.380%		
50) Toluene-d8	8.647	98	166761	48.802	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.600%		
62) 4-Bromofluorobenzene	11.079	95	73060	49.024	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	45383	47.293	ug/l	100
3) Chloromethane	1.294	50	48064	46.395	ug/l	95
4) Vinyl Chloride	1.374	62	55525	48.136	ug/l	100
5) Bromomethane	1.617	94	24831	29.030	ug/l	98
6) Chloroethane	1.691	64	50048	53.296	ug/l	99
7) Trichlorofluoromethane	1.892	101	113459	50.680	ug/l	97
8) Diethyl Ether	2.136	74	36489	51.770	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	58527	49.738	ug/l	100
10) Methyl Iodide	2.453	142	46584	34.582	ug/l	100
11) Tert butyl alcohol	3.020	59	58882m	303.664	ug/l	
12) 1,1-Dichloroethene	2.325	96	55977	51.068	ug/l	100
13) Acrolein	2.239	56	35746	160.491	ug/l	100
14) Allyl chloride	2.666	41	88946	50.262	ug/l	99
15) Acrylonitrile	3.068	53	148583	270.912	ug/l	99
16) Acetone	2.398	43	129732	227.094	ug/l	95
17) Carbon Disulfide	2.514	76	143488	47.381	ug/l	100
18) Methyl Acetate	2.709	43	84032	53.139	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	196283	51.633	ug/l	98
20) Methylene Chloride	2.788	84	62180	52.372	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	62288	49.677	ug/l	98
22) Diisopropyl ether	3.757	45	204475	53.064	ug/l #	86
23) Vinyl Acetate	3.721	43	812505	269.373	ug/l	99
24) 1,1-Dichloroethane	3.611	63	112139	50.856	ug/l	99
25) 2-Butanone	4.568	43	208095	264.170	ug/l	97
26) 2,2-Dichloropropane	4.477	77	79775	44.994	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	73117	51.324	ug/l	100
28) Bromochloromethane	4.903	49	50156	51.766	ug/l	98
29) Tetrahydrofuran	5.013	42	137591	275.266	ug/l	100
30) Chloroform	5.092	83	127178	51.496	ug/l	97
31) Cyclohexane	5.470	56	100043	50.476	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	114799	51.905	ug/l	99
36) 1,1-Dichloropropene	5.696	75	90412	49.840	ug/l	99
37) Ethyl Acetate	4.714	43	85613	54.096	ug/l	98
38) Carbon Tetrachloride	5.678	117	102258	50.815	ug/l	96
39) Methylcyclohexane	7.379	83	104121	50.306	ug/l	98
40) Benzene	6.037	78	259870	51.094	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	47507	53.348	ug/l	97
42) 1,2-Dichloroethane	6.086	62	107289	52.391	ug/l	100
43) Isopropyl Acetate	6.342	43	139013	53.112	ug/l	99
44) Trichloroethene	7.129	130	73181	51.276	ug/l	96
45) 1,2-Dichloropropane	7.434	63	66029	52.532	ug/l	99
46) Dibromomethane	7.580	93	50428	51.417	ug/l	99
47) Bromodichloromethane	7.824	83	99548	52.529	ug/l	98
48) Methyl methacrylate	7.690	41	72195	53.587	ug/l	99
49) 1,4-Dioxane	7.720	88	29030	1170.562	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	446988	276.759	ug/l	99
52) Toluene	8.720	92	172413	51.526	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	99045	48.682	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	105861	51.816	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	69477	50.999	ug/l	98
56) Ethyl methacrylate	9.116	69	103274	55.020	ug/l	99
57) 1,3-Dichloropropane	9.311	76	113459	51.589	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	234659	263.268	ug/l	100
59) 2-Hexanone	9.433	43	334535	280.394	ug/l	100
60) Dibromochloromethane	9.525	129	78525	53.537	ug/l	99
61) 1,2-Dibromoethane	9.610	107	74826	52.037	ug/l	100
64) Tetrachloroethene	9.275	164	63123	47.620	ug/l	97
65) Chlorobenzene	10.079	112	187663	50.263	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	71717	52.424	ug/l	99
67) Ethyl Benzene	10.195	91	347947	52.536	ug/l	99
68) m/p-Xylenes	10.299	106	270431	104.273	ug/l	99
69) o-Xylene	10.640	106	130963	52.189	ug/l	100
70) Styrene	10.659	104	223906	54.540	ug/l	99
71) Bromoform	10.799	173	55217	52.643	ug/l #	98
73) Isopropylbenzene	10.963	105	355298	50.220	ug/l	99
74) N-amyl acetate	10.841	43	128527	53.403	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	108202	50.672	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	94625m	50.466	ug/l	
77) Bromobenzene	11.201	156	85435	49.102	ug/l	98
78) n-propylbenzene	11.305	91	414641	51.260	ug/l	99
79) 2-Chlorotoluene	11.366	91	245512	49.973	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	308521	51.910	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	22671	39.302	ug/l	98
82) 4-Chlorotoluene	11.457	91	291596	50.649	ug/l	100
83) tert-Butylbenzene	11.713	119	301615	50.982	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	303000	51.128	ug/l	100
85) sec-Butylbenzene	11.890	105	363628	51.375	ug/l	100
86) p-Isopropyltoluene	12.012	119	312187	52.060	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	160775	49.264	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	163975	49.060	ug/l	99
89) n-Butylbenzene	12.335	91	266905	51.665	ug/l	100
90) Hexachloroethane	12.542	117	46404	47.101	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	157408	49.582	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23076	54.164	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	96410	49.265	ug/l	99
94) Hexachlorobutadiene	13.725	225	39473	45.720	ug/l	100
95) Naphthalene	13.774	128	328902	51.952	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	96563	49.205	ug/l	100

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

