

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
 Data File : VX029758.D
 Acq On : 23 Jun 2022 20:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 24 05:42:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone 06/24/2022
 Supervised By :Semsettin
 Yesilyurt 06/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	221399	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	383731	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	345070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135341	46.180	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.360%		
35) Dibromofluoromethane	5.391	113	125523	50.195	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.380%		
50) Toluene-d8	8.653	98	458104	50.145	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.280%		
62) 4-Bromofluorobenzene	11.085	95	175786	51.024	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	145599	54.304	ug/l	100
3) Chloromethane	1.288	50	128768	44.580	ug/l	99
4) Vinyl Chloride	1.374	62	137674	51.770	ug/l	100
5) Bromomethane	1.605	94	52496	38.692	ug/l	97
6) Chloroethane	1.685	64	79022	49.944	ug/l	99
7) Trichlorofluoromethane	1.886	101	191979	51.816	ug/l	97
8) Diethyl Ether	2.136	74	74363	50.946	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	123188	53.025	ug/l	99
10) Methyl Iodide	2.453	142	121891	46.264	ug/l	99
11) Tert butyl alcohol	2.989	59	149624	233.672	ug/l #	86
12) 1,1-Dichloroethene	2.319	96	124366	55.447	ug/l	93
13) Acrolein	2.239	56	37137	230.032	ug/l	100
14) Allyl chloride	2.666	41	185020	51.090	ug/l	94
15) Acrylonitrile	3.069	53	365779	266.835	ug/l	99
16) Acetone	2.386	43	282605	241.924	ug/l	99
17) Carbon Disulfide	2.514	76	307378	52.860	ug/l	99
18) Methyl Acetate	2.703	43	162821	52.718	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	415454	53.352	ug/l	100
20) Methylene Chloride	2.788	84	138757	53.332	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	133793	54.575	ug/l	96
22) Diisopropyl ether	3.764	45	372520	51.999	ug/l	93
23) Vinyl Acetate	3.727	43	1569665	262.450	ug/l	100
24) 1,1-Dichloroethane	3.611	63	227857	52.887	ug/l	99
25) 2-Butanone	4.562	43	475686	257.620	ug/l	100
26) 2,2-Dichloropropane	4.477	77	140892	42.016	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	155763	54.385	ug/l	91
28) Bromochloromethane	4.904	49	83172	50.527	ug/l	96
29) Tetrahydrofuran	5.013	42	314925	255.920	ug/l	97
30) Chloroform	5.099	83	240453	52.738	ug/l	100
31) Cyclohexane	5.477	56	206160	52.397	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	208510	51.848	ug/l	98
36) 1,1-Dichloropropene	5.696	75	178027	52.599	ug/l	98
37) Ethyl Acetate	4.721	43	183031	52.757	ug/l	99
38) Carbon Tetrachloride	5.684	117	177219	53.245	ug/l	99
39) Methylcyclohexane	7.385	83	224587	53.222	ug/l	95
40) Benzene	6.044	78	540271	53.851	ug/l	99

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41) Methacrylonitrile	4.922	41	98930	54.125	ug/l	97
42) 1,2-Dichloroethane	6.092	62	173180	50.214	ug/l	97
43) Isopropyl Acetate	6.342	43	278281	51.584	ug/l	99
44) Trichloroethene	7.129	130	154647	54.498	ug/l	99
45) 1,2-Dichloropropane	7.434	63	133086	54.088	ug/l	97
46) Dibromomethane	7.586	93	96950	54.821	ug/l	95
47) Bromodichloromethane	7.824	83	181759	53.335	ug/l	99
48) Methyl methacrylate	7.696	41	140104	52.968	ug/l	94
49) 1,4-Dioxane	7.678	88	69689	1021.880	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	914888	263.113	ug/l	99
52) Toluene	8.720	92	350336	54.532	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	186058	54.028	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	207706	53.863	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	141375	54.426	ug/l	99
56) Ethyl methacrylate	9.116	69	218078	55.573	ug/l	96
57) 1,3-Dichloropropane	9.311	76	230284	53.230	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	467640	253.632	ug/l	96
59) 2-Hexanone	9.433	43	699427	265.633	ug/l	97
60) Dibromochloromethane	9.525	129	137927	54.691	ug/l	97
61) 1,2-Dibromoethane	9.610	107	147121	54.630	ug/l	97
64) Tetrachloroethene	9.275	164	138052	55.321	ug/l	93
65) Chlorobenzene	10.079	112	373898	55.233	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	133013	54.712	ug/l	99
67) Ethyl Benzene	10.195	91	662395	54.382	ug/l	99
68) m/p-Xylenes	10.305	106	524018	110.319	ug/l	99
69) o-Xylene	10.646	106	255844	54.517	ug/l	99
70) Styrene	10.659	104	433799	56.455	ug/l	99
71) Bromoform	10.799	173	95735	55.539	ug/l #	99
73) Isopropylbenzene	10.963	105	662099	52.836	ug/l	99
74) N-amyl acetate	10.848	43	228730	52.555	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	209535	51.719	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	186536m	51.233	ug/l	
77) Bromobenzene	11.201	156	155751	54.459	ug/l	98
78) n-propylbenzene	11.305	91	748863	53.060	ug/l	99
79) 2-Chlorotoluene	11.366	91	457529	52.354	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	559372	53.004	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	54264	49.582	ug/l	93
82) 4-Chlorotoluene	11.457	91	520391	52.218	ug/l	99
83) tert-Butylbenzene	11.719	119	543128	52.783	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	563048	53.494	ug/l	100
85) sec-Butylbenzene	11.890	105	679766	53.304	ug/l	99
86) p-Isopropyltoluene	12.012	119	574800	53.831	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	296769	54.473	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	292321	53.740	ug/l	98
89) n-Butylbenzene	12.335	91	479310	53.186	ug/l	100
90) Hexachloroethane	12.542	117	85304	55.792	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	292487	54.616	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	45787	51.005	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	181108	55.457	ug/l	98
94) Hexachlorobutadiene	13.725	225	67474	50.465	ug/l	95
95) Naphthalene	13.774	128	686867	58.590	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	184516	56.414	ug/l	95

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

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