

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029760.D
 Acq On : 24 Jun 2022 08:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 25 01:53:51 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 06/25/2022
 Supervised By : Semsettin Yesilyurt 06/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	215802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	375131	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	337341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	137456	48.118	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.240%		
35) Dibromofluoromethane	5.385	113	123726	50.610	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.220%		
50) Toluene-d8	8.647	98	457130	51.185	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.380%		
62) 4-Bromofluorobenzene	11.079	95	175626	52.146	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.300%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	143690	54.981	ug/l	100
3) Chloromethane	1.288	50	131689	46.774	ug/l	99
4) Vinyl Chloride	1.374	62	138053	53.259	ug/l	97
5) Bromomethane	1.611	94	66225	50.076	ug/l	100
6) Chloroethane	1.685	64	67353	41.622	ug/l	98
7) Trichlorofluoromethane	1.886	101	204188	56.541	ug/l	96
8) Diethyl Ether	2.136	74	78163	54.938	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	127495	56.303	ug/l	98
10) Methyl Iodide	2.453	142	120656	46.937	ug/l	98
11) Tert butyl alcohol	2.995	59	152267	244.390	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	122540	56.050	ug/l	93
13) Acrolein	2.239	56	35546	225.888	ug/l	97
14) Allyl chloride	2.666	41	182780	51.780	ug/l	95
15) Acrylonitrile	3.069	53	359972	269.410	ug/l	99
16) Acetone	2.386	43	284048	249.466	ug/l	99
17) Carbon Disulfide	2.514	76	297701	52.524	ug/l	100
18) Methyl Acetate	2.703	43	157987	52.479	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	414153	54.565	ug/l	100
20) Methylene Chloride	2.788	84	136992	54.019	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	133257	55.766	ug/l	93
22) Diisopropyl ether	3.757	45	378056	54.140	ug/l #	88
23) Vinyl Acetate	3.721	43	1577718	270.638	ug/l	99
24) 1,1-Dichloroethane	3.605	63	230491	54.885	ug/l	100
25) 2-Butanone	4.556	43	458425	254.711	ug/l	100
26) 2,2-Dichloropropane	4.471	77	118580	36.279	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	155840	55.823	ug/l	91
28) Bromochloromethane	4.898	49	84639	52.752	ug/l	97
29) Tetrahydrofuran	5.007	42	304117	253.546	ug/l	97
30) Chloroform	5.093	83	242685	54.608	ug/l	99
31) Cyclohexane	5.464	56	205228	53.513	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	214571	54.739	ug/l	98
36) 1,1-Dichloropropene	5.690	75	182228	55.075	ug/l	100
37) Ethyl Acetate	4.715	43	175980	51.888	ug/l	99
38) Carbon Tetrachloride	5.678	117	184008	56.552	ug/l	98
39) Methylcyclohexane	7.379	83	226323	54.863	ug/l	99
40) Benzene	6.038	78	535487	54.598	ug/l	99

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41) Methacrylonitrile	4.916	41	98223	54.970	ug/l	96
42) 1,2-Dichloroethane	6.086	62	176766	52.429	ug/l	98
43) Isopropyl Acetate	6.336	43	280645	53.214	ug/l	100
44) Trichloroethene	7.123	130	156371	56.409	ug/l	98
45) 1,2-Dichloropropane	7.428	63	132362	55.027	ug/l	98
46) Dibromomethane	7.580	93	96692	55.928	ug/l	95
47) Bromodichloromethane	7.818	83	185475	55.673	ug/l	97
48) Methyl methacrylate	7.690	41	137447	53.154	ug/l	94
49) 1,4-Dioxane	7.690	88	65649	984.709	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	886041	260.658	ug/l	99
52) Toluene	8.720	92	348613	55.508	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	182708	54.272	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	204344	54.206	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	141685	55.796	ug/l	98
56) Ethyl methacrylate	9.116	69	214988	56.042	ug/l	97
57) 1,3-Dichloropropane	9.311	76	230243	54.441	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	461448	256.011	ug/l	96
59) 2-Hexanone	9.433	43	672626	261.311	ug/l	98
60) Dibromochloromethane	9.519	129	145245	58.914	ug/l	96
61) 1,2-Dibromoethane	9.610	107	149310	56.714	ug/l	99
64) Tetrachloroethene	9.275	164	143412	58.785	ug/l	96
65) Chlorobenzene	10.079	112	372135	56.232	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	137186	57.721	ug/l	99
67) Ethyl Benzene	10.195	91	663745	55.742	ug/l	98
68) m/p-Xylenes	10.299	106	522534	112.527	ug/l	100
69) o-Xylene	10.640	106	254805	55.539	ug/l	99
70) Styrene	10.659	104	437529	58.245	ug/l	99
71) Bromoform	10.799	173	99591	59.100	ug/l #	98
73) Isopropylbenzene	10.963	105	673276	54.493	ug/l	99
74) N-amyl acetate	10.842	43	229085	53.386	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	202626	50.726	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	190999m	53.206	ug/l	
77) Bromobenzene	11.201	156	155847	55.268	ug/l	97
78) n-propylbenzene	11.305	91	769022	55.264	ug/l	99
79) 2-Chlorotoluene	11.366	91	462339	53.658	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	571924	54.965	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	53041	49.154	ug/l	94
82) 4-Chlorotoluene	11.457	91	531756	54.117	ug/l	99
83) tert-Butylbenzene	11.713	119	558010	55.001	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	571925	55.111	ug/l	99
85) sec-Butylbenzene	11.890	105	696909	55.426	ug/l	100
86) p-Isopropyltoluene	12.012	119	587795	55.831	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	299796	55.811	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	303392	56.569	ug/l	97
89) n-Butylbenzene	12.335	91	499094	56.170	ug/l	100
90) Hexachloroethane	12.542	117	89510	59.376	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	292033	55.308	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	45488	51.393	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	182386	56.643	ug/l	98
94) Hexachlorobutadiene	13.725	225	71275	54.066	ug/l	93
95) Naphthalene	13.774	128	668861	57.866	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	183197	56.808	ug/l	96

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

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