

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029876.D
 Acq On : 29 Jun 2022 21:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 29 23:02:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/01/2022
 Supervised By : Mahesh Dadoda 07/01/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	217907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	388682	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	339749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138800	50.320	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.640%			
35) Dibromofluoromethane	5.391	113	124361	51.197	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.400%			
50) Toluene-d8	8.653	98	469850	51.561	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.120%			
62) 4-Bromofluorobenzene	11.085	95	171599	53.273	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.540%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	119307	56.145	ug/l	99
3) Chloromethane	1.288	50	128968	52.675	ug/l	98
4) Vinyl Chloride	1.374	62	132060	54.232	ug/l	98
5) Bromomethane	1.611	94	61673	45.967	ug/l	96
6) Chloroethane	1.685	64	68525	49.406	ug/l	97
7) Trichlorofluoromethane	1.886	101	164224	52.537	ug/l	98
8) Diethyl Ether	2.136	74	72849	51.991	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	111021	50.802	ug/l	98
10) Methyl Iodide	2.453	142	150018	50.097	ug/l	100
11) Tert butyl alcohol	2.995	59	190443	264.001	ug/l	99
12) 1,1-Dichloroethene	2.319	96	114338	50.950	ug/l	98
13) Acrolein	2.239	56	87373	258.776	ug/l	100
14) Allyl chloride	2.666	41	210060	50.720	ug/l	99
15) Acrylonitrile	3.068	53	436287	259.065	ug/l	99
16) Acetone	2.392	43	342803	254.029	ug/l	99
17) Carbon Disulfide	2.514	76	267058	47.859	ug/l	98
18) Methyl Acetate	2.709	43	208889	50.210	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	395406	52.188	ug/l	98
20) Methylene Chloride	2.788	84	136612	47.935	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	122249	49.667	ug/l	97
22) Diisopropyl ether	3.763	45	437195	52.238	ug/l	95
23) Vinyl Acetate	3.727	43	1924075	265.811	ug/l	99
24) 1,1-Dichloroethane	3.611	63	228244	51.712	ug/l	99
25) 2-Butanone	4.562	43	601801	256.937	ug/l	99
26) 2,2-Dichloropropane	4.477	77	133412	46.053	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	151142	52.008	ug/l	97
28) Bromochloromethane	4.903	49	92194	52.115	ug/l	99
29) Tetrahydrofuran	5.013	42	400162	259.613	ug/l	99
30) Chloroform	5.099	83	224056	51.768	ug/l	99
31) Cyclohexane	5.477	56	202191	52.573	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	175027	50.784	ug/l	99
36) 1,1-Dichloropropene	5.696	75	162002	50.145	ug/l	99
37) Ethyl Acetate	4.721	43	225667	51.073	ug/l	99
38) Carbon Tetrachloride	5.684	117	144160	51.497	ug/l	100
39) Methylcyclohexane	7.385	83	197563	50.577	ug/l	99
40) Benzene	6.043	78	534734	51.188	ug/l	99

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41) Methacrylonitrile	4.922	41	123600	52.621	ug/l	99
42) 1,2-Dichloroethane	6.086	62	168479	52.549	ug/l	100
43) Isopropyl Acetate	6.342	43	344322	51.749	ug/l	100
44) Trichloroethene	7.129	130	135166	48.045	ug/l	99
45) 1,2-Dichloropropane	7.433	63	139298	50.476	ug/l	99
46) Dibromomethane	7.580	93	94156	52.156	ug/l	99
47) Bromodichloromethane	7.824	83	167274	51.694	ug/l	98
48) Methyl methacrylate	7.696	41	164679	52.201	ug/l	100
49) 1,4-Dioxane	7.690	88	80013	1071.093	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1143259	260.574	ug/l	100
52) Toluene	8.720	92	326468	51.790	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	181147	52.533	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	201429	51.693	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	140861	51.290	ug/l	99
56) Ethyl methacrylate	9.116	69	231218	53.398	ug/l	99
57) 1,3-Dichloropropane	9.311	76	229280	51.892	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	506684	245.226	ug/l	100
59) 2-Hexanone	9.433	43	887738	260.724	ug/l	99
60) Dibromochloromethane	9.525	129	126961	52.322	ug/l	99
61) 1,2-Dibromoethane	9.610	107	145163	51.723	ug/l	99
64) Tetrachloroethene	9.275	164	109527	53.447	ug/l	98
65) Chlorobenzene	10.079	112	345748	50.696	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	119559	52.467	ug/l	99
67) Ethyl Benzene	10.195	91	617700	52.072	ug/l	99
68) m/p-Xylenes	10.305	106	476802	104.801	ug/l	100
69) o-Xylene	10.646	106	237774	51.598	ug/l	100
70) Styrene	10.659	104	398364	52.297	ug/l	100
71) Bromoform	10.799	173	86475	53.202	ug/l #	98
73) Isopropylbenzene	10.963	105	597660	49.604	ug/l	99
74) N-amyl acetate	10.841	43	307770	51.592	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	232180	48.948	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	200489m	50.297	ug/l	
77) Bromobenzene	11.201	156	141765	48.918	ug/l	98
78) n-propylbenzene	11.305	91	717331	50.480	ug/l	99
79) 2-Chlorotoluene	11.366	91	421191	49.854	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	495712	49.559	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	64663	51.518	ug/l	97
82) 4-Chlorotoluene	11.457	91	474828	49.332	ug/l	98
83) tert-Butylbenzene	11.719	119	483899	48.815	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	508195	50.719	ug/l	100
85) sec-Butylbenzene	11.890	105	612483	49.032	ug/l	100
86) p-Isopropyltoluene	12.012	119	511294	51.283	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	275892	49.584	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	276139	48.638	ug/l	99
89) n-Butylbenzene	12.335	91	492349	52.535	ug/l	99
90) Hexachloroethane	12.542	117	82375	50.649	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	281257	51.454	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	54399	54.882	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	166982	50.409	ug/l	97
94) Hexachlorobutadiene	13.725	225	54463	44.445	ug/l	98
95) Naphthalene	13.780	128	721552	53.651	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	164555	48.524	ug/l	97

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

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