

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071921\
 Data File : VX023355.D
 Acq On : 19 Jul 2021 20:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/20/2021 5:39:10 PM

Quant Time: Jul 20 05:29:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	247025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	393809	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	252507	50.000	ug/l	#-0.01
72) 1,4-Dichlorobenzene-d4	12.024	152	185938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	173083	52.133	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.260%			
35) Dibromofluoromethane	5.397	113	130923	51.483	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.960%			
50) Toluene-d8	8.653	98	462698	48.776	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.560%			
62) 4-Bromofluorobenzene	11.085	95	141871	38.739	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 77.480%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	102476	45.784	ug/l	98
3) Chloromethane	1.294	50	92508	41.773	ug/l	99
4) Vinyl Chloride	1.374	62	103323	44.044	ug/l	100
5) Bromomethane	1.599	94	35666	27.311	ug/l	99
6) Chloroethane	1.672	64	28401	18.515	ug/l	96
7) Trichlorofluoromethane	1.880	101	122278	29.993	ug/l	98
8) Diethyl Ether	2.142	74	45521	30.252	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	119374	50.035	ug/l	96
10) Methyl Iodide	2.453	142	139236	47.527	ug/l	91
11) Tert butyl alcohol	2.983	59	196280	281.024	ug/l	97
12) 1,1-Dichloroethene	2.319	96	105618	47.965	ug/l	95
13) Acrolein	2.245	56	43116	92.704	ug/l	95
14) Allyl chloride	2.666	41	193616	50.600	ug/l	92
15) Acrylonitrile	3.075	53	379674	279.563	ug/l	98
16) Acetone	2.392	43	362978	276.345	ug/l	89
17) Carbon Disulfide	2.508	76	188534	40.596	ug/l	99
18) Methyl Acetate	2.715	43	187144	58.695	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	445846	54.137	ug/l	98
20) Methylene Chloride	2.794	84	130629	46.192	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	112418	47.271	ug/l	93
22) Diisopropyl ether	3.776	45	407836	50.556	ug/l	94
23) Vinyl Acetate	3.733	43	1798146	263.366	ug/l	96
24) 1,1-Dichloroethane	3.617	63	233943	51.326	ug/l	99
25) 2-Butanone	4.574	43	560535	283.001	ug/l	95
26) 2,2-Dichloropropane	4.483	77	182549	47.717	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	143537	49.830	ug/l	99
28) Bromochloromethane	4.910	49	102129	47.229	ug/l	100
29) Tetrahydrofuran	5.019	42	350742	275.477	ug/l	93
30) Chloroform	5.105	83	259234	52.650	ug/l	100
31) Cyclohexane	5.477	56	174802	43.974	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	232133	54.133	ug/l	99
36) 1,1-Dichloropropene	5.696	75	165427	47.120	ug/l	99
37) Ethyl Acetate	4.727	43	206861	54.014	ug/l	97
38) Carbon Tetrachloride	5.684	117	200036	54.588	ug/l	98
39) Methylcyclohexane	7.385	83	185545	45.188	ug/l	98
40) Benzene	6.044	78	492806	48.349	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	117245	54.762	ug/l	93
42) 1,2-Dichloroethane	6.098	62	214832	52.453	ug/l	95
43) Isopropyl Acetate	6.354	43	337750	53.020	ug/l	94
44) Trichloroethene	7.129	130	141023	48.772	ug/l	99
45) 1,2-Dichloropropane	7.434	63	133968	50.349	ug/l	96
46) Dibromomethane	7.586	93	98764	51.974	ug/l	97
47) Bromodichloromethane	7.830	83	192299	55.426	ug/l	99
48) Methyl methacrylate	7.702	41	163549	52.323	ug/l	89
49) 1,4-Dioxane	7.665	88	75404	1071.856	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	1097820	278.114	ug/l	92
52) Toluene	8.726	92	326768	49.536	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	205445	47.014	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	218113	47.861	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	146719	52.966	ug/l	96
56) Ethyl methacrylate	9.122	69	226764	52.977	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	234564	51.231	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	574188	246.541	ug/l	99
59) 2-Hexanone	9.433	43	856975	282.950	ug/l	90
60) Dibromochloromethane	9.525	129	151497	49.043	ug/l	99
61) 1,2-Dibromoethane	9.616	107	153075	53.842	ug/l	99
64) Tetrachloroethene	9.281	164	143758	71.380	ug/l	97
65) Chlorobenzene	10.086	112	237820	47.645	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	130891	72.525	ug/l	99
67) Ethyl Benzene	10.195	91	569147	64.500	ug/l	96
68) m/p-Xylenes	10.305	106	437149	129.763	ug/l	97
69) o-Xylene	10.646	106	250374	73.744	ug/l	96
70) Styrene	10.659	104	419495	75.640	ug/l	98
71) Bromoform	10.805	173	82878	53.697	ug/l #	99
73) Isopropylbenzene	10.963	105	633201	48.340	ug/l	98
74) N-amyl acetate	10.848	43	155103	27.905	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	176256	42.352	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	184124m	49.209	ug/l	
77) Bromobenzene	11.201	156	145169	44.388	ug/l	86
78) n-propylbenzene	11.305	91	701598	46.320	ug/l	94
79) 2-Chlorotoluene	11.366	91	472823	50.508	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	579534	51.384	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	52615	40.290	ug/l	98
82) 4-Chlorotoluene	11.457	91	545912	51.640	ug/l	100
83) tert-Butylbenzene	11.719	119	574217	53.640	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	583069	52.314	ug/l	98
85) sec-Butylbenzene	11.896	105	715754	51.963	ug/l	99
86) p-Isopropyltoluene	12.012	119	607744	52.597	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	309354	50.373	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	312038	50.462	ug/l	98
89) n-Butylbenzene	12.335	91	514994	50.880	ug/l	98
90) Hexachloroethane	12.542	117	100361	50.729	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	314406	51.464	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	57909	56.377	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	199788	53.089	ug/l	98
94) Hexachlorobutadiene	13.731	225	88459	55.516	ug/l	98
95) Naphthalene	13.780	128	718515	51.716	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	208625	55.120	ug/l	99

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

