

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022379.D
 Acq On : 03 Jun 2021 20:19
 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
 6/4/2021 1:54:57 PM

Quant Time: Jun 04 03:54:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	75849	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	152098	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	68670	58.691	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 117.380%#	
35) Dibromofluoromethane	5.398	113	51251	53.136	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.280%	
50) Toluene-d8	8.653	98	199115	53.590	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.180%	
62) 4-Bromofluorobenzene	11.086	95	78385	57.077	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.160%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	47616	51.638	ug/l	100
3) Chloromethane	1.295	50	57567	57.877	ug/l	99
4) Vinyl Chloride	1.374	62	58093	55.196	ug/l	99
5) Bromomethane	1.599	94	33780	55.052	ug/l	96
6) Chloroethane	1.679	64	35762	57.065	ug/l	99
7) Trichlorofluoromethane	1.886	101	78617	51.952	ug/l	96
8) Diethyl Ether	2.136	74	34133	52.447	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.325	101	46360	51.591	ug/l	91
10) Methyl Iodide	2.453	142	55179	57.139	ug/l	94
11) Tert butyl alcohol	2.983	59	79684	297.764	ug/l	100
12) 1,1-Dichloroethene	2.319	96	48043	55.266	ug/l	99
13) Acrolein	2.246	56	48842	275.186	ug/l	100
14) Allyl chloride	2.666	41	91955	57.593	ug/l	97
15) Acrylonitrile	3.075	53	164626	312.476	ug/l	99
16) Acetone	2.392	43	148538	291.559	ug/l	96
17) Carbon Disulfide	2.514	76	116426	51.135	ug/l	100
18) Methyl Acetate	2.709	43	83191	61.400	ug/l	93
19) Methyl tert-butyl Ether	3.124	73	171328	57.533	ug/l	98
20) Methylene Chloride	2.794	84	62200	54.987	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	53778	56.874	ug/l	97
22) Diisopropyl ether	3.770	45	183467	59.660	ug/l	92
23) Vinyl Acetate	3.733	43	902323	304.745	ug/l	96
24) 1,1-Dichloroethane	3.617	63	103830	57.534	ug/l	99
25) 2-Butanone	4.568	43	258862	314.074	ug/l	91
26) 2,2-Dichloropropane	4.483	77	71571	44.676	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	64382	55.988	ug/l	99
28) Bromochloromethane	4.904	49	50321	57.478	ug/l	# 79
29) Tetrahydrofuran	5.020	42	151567	308.967	ug/l	# 74
30) Chloroform	5.105	83	104337	55.956	ug/l	96
31) Cyclohexane	5.483	56	83460	56.764	ug/l	91
32) 1,1,1-Trichloroethane	5.391	97	86618	54.362	ug/l	98
36) 1,1-Dichloropropene	5.702	75	76058	54.078	ug/l	98
37) Ethyl Acetate	4.721	43	100479	58.280	ug/l	# 94
38) Carbon Tetrachloride	5.684	117	69715	50.672	ug/l	100
39) Methylcyclohexane	7.385	83	82698	51.845	ug/l	96
40) Benzene	6.050	78	240186	55.503	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	53410	57.907	ug/l	93
42) 1,2-Dichloroethane	6.099	62	86093	56.787	ug/l	98
43) Isopropyl Acetate	6.349	43	164857	58.459	ug/l	93
44) Trichloroethene	7.129	130	55508	51.619	ug/l	95
45) 1,2-Dichloropropane	7.440	63	62607	56.714	ug/l	96
46) Dibromomethane	7.586	93	42230	56.388	ug/l #	85
47) Bromodichloromethane	7.830	83	78629	52.467	ug/l	98
48) Methyl methacrylate	7.702	41	77420	59.571	ug/l	89
49) 1,4-Dioxane	7.665	88	30790	1216.826	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	525330	310.988	ug/l	90
52) Toluene	8.726	92	147625	53.868	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	89248	51.592	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	99365	53.428	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	62285	55.985	ug/l	98
56) Ethyl methacrylate	9.122	69	105363	58.599	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	107673	56.687	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	250186	257.271	ug/l	96
59) 2-Hexanone	9.433	43	402324	316.670	ug/l	89
60) Dibromochloromethane	9.525	129	55702	51.464	ug/l	99
61) 1,2-Dibromoethane	9.616	107	63533	57.356	ug/l	100
64) Tetrachloroethene	9.281	164	46413	50.241	ug/l	92
65) Chlorobenzene	10.086	112	154174	52.635	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	53372	52.438	ug/l	97
67) Ethyl Benzene	10.195	91	283292	52.574	ug/l	98
68) m/p-Xylenes	10.305	106	211453	103.835	ug/l	98
69) o-Xylene	10.647	106	102905	51.956	ug/l	97
70) Styrene	10.659	104	177923	54.836	ug/l	97
71) Bromoform	10.805	173	33236	42.819	ug/l #	98
73) Isopropylbenzene	10.964	105	272099	50.509	ug/l	100
74) N-amyl acetate	10.848	43	150663	58.921	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.214	83	99283	55.603	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	92247m	58.746	ug/l	
77) Bromobenzene	11.201	156	57717	50.530	ug/l	85
78) n-propylbenzene	11.305	91	319511	50.636	ug/l	98
79) 2-Chlorotoluene	11.366	91	191523	50.043	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	230739	51.679	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.025	75	31798	47.980	ug/l	92
82) 4-Chlorotoluene	11.457	91	221333	50.198	ug/l	97
83) tert-Butylbenzene	11.720	119	211996	49.507	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	233138	51.876	ug/l	98
85) sec-Butylbenzene	11.896	105	276489	50.810	ug/l	97
86) p-Isopropyltoluene	12.012	119	230521	50.157	ug/l	97
87) 1,3-Dichlorobenzene	11.970	146	109819	49.865	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	110531	48.555	ug/l	97
89) n-Butylbenzene	12.335	91	221779	52.167	ug/l	97
90) Hexachloroethane	12.543	117	34918	45.971	ug/l	72
91) 1,2-Dichlorobenzene	12.335	146	109258	51.649	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20707	54.194	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	65345	51.193	ug/l	96
94) Hexachlorobutadiene	13.725	225	21643	43.441	ug/l	98
95) Naphthalene	13.780	128	281337	56.516	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	65918	51.231	ug/l	98

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

