

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011921\
 Data File : VX020653.D
 Acq On : 19 Jan 2021 11:38
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 1/20/2021 5:42:19 PM

Quant Time: Jan 19 12:21:17 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 12:16:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	208116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	337588	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	314998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	153837	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	140073	54.21	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	108.42%
35) Dibromofluoromethane	5.465	113	113749	48.49	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.98%
50) Toluene-d8	8.696	98	415740	49.55	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.10%
62) 4-Bromofluorobenzene	11.122	95	157154	51.53	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.06%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	163042	72.89	ug/l	99
3) Chloromethane	1.307	50	148007	71.59	ug/l	100
4) Vinyl Chloride	1.392	62	155257	66.88	ug/l	99
5) Bromomethane	1.630	94	71470	49.13	ug/l	99
6) Chloroethane	1.709	64	94917	70.39	ug/l	99
7) Trichlorofluoromethane	1.916	101	219669	58.82	ug/l	98
8) Diethyl Ether	2.166	74	76218	57.38	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.368	101	117950	56.82	ug/l	99
10) Methyl Iodide	2.489	142	159940	55.93	ug/l	97
11) Tert butyl alcohol	3.038	59	120336	245.34	ug/l	99
12) 1,1-Dichloroethene	2.355	96	112299	55.38	ug/l	94
13) Acrolein	2.270	56	68857	207.28	ug/l	99
14) Allyl chloride	2.709	41	170171	59.33	ug/l	98
15) Acrylonitrile	3.111	53	320937	292.93	ug/l	98
16) Acetone	2.416	43	277447	283.80	ug/l	96
17) Carbon Disulfide	2.550	76	324962	57.64	ug/l	99
18) Methyl Acetate	2.745	43	126548	55.55	ug/l	100
19) Methyl tert-butyl Ether	3.166	73	382026	57.81	ug/l	100
20) Methylene Chloride	2.831	84	129803	53.73	ug/l	97
21) trans-1,2-Dichloroethene	3.142	96	124649	54.85	ug/l	93
22) Diisopropyl ether	3.825	45	353881	61.16	ug/l	94
23) Vinyl Acetate	3.782	43	1542487	311.47	ug/l	99
24) 1,1-Dichloroethane	3.666	63	223542	58.32	ug/l	99
25) 2-Butanone	4.629	43	420538	299.17	ug/l	99
26) 2,2-Dichloropropane	4.550	77	189494	53.97	ug/l	97
27) cis-1,2-Dichloroethene	4.562	96	140450	55.24	ug/l	100
28) Bromochloromethane	4.977	49	88905	57.12	ug/l	100
29) Tetrahydrofuran	5.087	42	264073	308.43	ug/l	99
30) Chloroform	5.172	83	233715	55.20	ug/l	98
31) Cyclohexane	5.544	56	192318	62.24	ug/l	98
32) 1,1,1-Trichloroethane	5.465	97	207400	54.66	ug/l	99
36) 1,1-Dichloropropene	5.769	75	173982	55.44	ug/l	100
37) Ethyl Acetate	4.788	43	163047	56.74	ug/l	99
38) Carbon Tetrachloride	5.757	117	185067	51.24	ug/l	97
39) Methylcyclohexane	7.440	83	205572	57.35	ug/l	98
40) Benzene	6.111	78	507863	54.22	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	86274	57.67	ug/l	97
42) 1,2-Dichloroethane	6.160	62	189034	55.96	ug/l	98
43) Isopropyl Acetate	6.409	43	252155	56.88	ug/l	100
44) Trichloroethene	7.184	130	138099	50.16	ug/l	100
45) 1,2-Dichloropropane	7.489	63	128166	55.34	ug/l	99
46) Dibromomethane	7.635	93	92767	53.20	ug/l	96
47) Bromodichloromethane	7.873	83	185409	52.28	ug/l	98
48) Methyl methacrylate	7.745	41	127757	59.08	ug/l	98
49) 1,4-Dioxane	7.726	88	58880	1097.17	ug/l	97
51) 4-Methyl-2-Pentanone	8.616	43	810313	294.01	ug/l	99
52) Toluene	8.763	92	318116	53.63	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	196466	54.22	ug/l	98
54) cis-1,3-Dichloropropene	8.415	75	216639	55.58	ug/l	97
55) 1,1,2-Trichloroethane	9.196	97	130772	52.25	ug/l	96
56) Ethyl methacrylate	9.159	69	184627	56.56	ug/l	99
57) 1,3-Dichloropropane	9.348	76	220777	53.87	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	463654	298.83	ug/l	98
59) 2-Hexanone	9.470	43	618500	299.09	ug/l	98
60) Dibromochloromethane	9.561	129	143369	51.04	ug/l	99
61) 1,2-Dibromoethane	9.653	107	138264	51.93	ug/l	99
64) Tetrachloroethene	9.317	164	123642	44.11	ug/l	93
65) Chlorobenzene	10.122	112	338361	50.75	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.201	131	128675	50.14	ug/l	99
67) Ethyl Benzene	10.232	91	614407	54.81	ug/l	99
68) m/p-Xylenes	10.342	106	458435	107.73	ug/l	97
69) o-Xylene	10.683	106	219391	55.44	ug/l	99
70) Styrene	10.695	104	374306	55.65	ug/l	97
71) Bromoform	10.842	173	101873	49.93	ug/l	98
73) Isopropylbenzene	11.000	105	593117	56.01	ug/l	99
74) N-amyl acetate	10.878	43	209385	62.57	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.250	83	194657	56.08	ug/l	98
76) 1,2,3-Trichloropropane	11.281	75	191193m	57.30	ug/l	
77) Bromobenzene	11.238	156	145633	51.87	ug/l	99
78) n-propylbenzene	11.342	91	686099	58.44	ug/l	99
79) 2-Chlorotoluene	11.402	91	413263	56.96	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	509269	57.38	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	65888	54.05	ug/l	99
82) 4-Chlorotoluene	11.494	91	485153	56.47	ug/l	100
83) tert-Butylbenzene	11.756	119	483002	56.74	ug/l	97
84) 1,2,4-Trimethylbenzene	11.793	105	510112	57.82	ug/l	100
85) sec-Butylbenzene	11.927	105	561491	56.61	ug/l	99
86) p-Isopropyltoluene	12.049	119	525267	57.23	ug/l	98
87) 1,3-Dichlorobenzene	12.006	146	271569	52.85	ug/l	98
88) 1,4-Dichlorobenzene	12.079	146	267926	50.98	ug/l	97
89) n-Butylbenzene	12.372	91	465400	57.95	ug/l	99
90) Hexachloroethane	12.579	117	91052	52.54	ug/l	91
91) 1,2-Dichlorobenzene	12.372	146	259698	51.28	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	45582	55.55	ug/l	92
93) 1,2,4-Trichlorobenzene	13.628	180	173013	51.69	ug/l	98
94) Hexachlorobutadiene	13.762	225	76023	42.36	ug/l	99
95) Naphthalene	13.817	128	583707	58.94	ug/l	99
96) 1,2,3-Trichlorobenzene	14.000	180	175383	51.45	ug/l	97

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

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