

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011321\
 Data File : VX020593.D
 Acq On : 13 Jan 2021 15:05
 Operator : JC/MD
 Sample : VX0113MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0113MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/15/2021 1:23:31 PM

Quant Time: Jan 13 16:16:57 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	185762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	282065	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	264267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	138784	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	106201	47.60	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.20%
35) Dibromofluoromethane	5.458	113	90946	46.53	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.06%
50) Toluene-d8	8.690	98	338599	48.42	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.84%
62) 4-Bromofluorobenzene	11.116	95	124166	50.28	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.56%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	35473	19.36	ug/l	99
3) Chloromethane	1.307	50	31964	18.85	ug/l	99
4) Vinyl Chloride	1.392	62	37437	19.25	ug/l	97
5) Bromomethane	1.624	94	18654	14.21	ug/l	96
6) Chloroethane	1.703	64	25614	19.68	ug/l	100
7) Trichlorofluoromethane	1.910	101	66335	20.60	ug/l	96
8) Diethyl Ether	2.166	74	23538	20.52	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.361	101	39464	21.84	ug/l	95
10) Methyl Iodide	2.489	142	48059	19.07	ug/l	96
11) Tert butyl alcohol	3.014	59	40882	98.37	ug/l	100
12) 1,1-Dichloroethene	2.349	96	35763	20.16	ug/l	95
13) Acrolein	2.270	56	25996	84.06	ug/l	99
14) Allyl chloride	2.703	41	48555	19.70	ug/l	96
15) Acrylonitrile	3.111	53	101030	106.64	ug/l	99
16) Acetone	2.416	43	85290	109.65	ug/l	100
17) Carbon Disulfide	2.544	76	82638	16.90	ug/l	98
18) Methyl Acetate	2.745	43	40552	20.52	ug/l	97
19) Methyl tert-butyl Ether	3.160	73	122841	21.35	ug/l	99
20) Methylene Chloride	2.831	84	43292	20.54	ug/l	96
21) trans-1,2-Dichloroethene	3.136	96	39838	20.00	ug/l	96
22) Diisopropyl ether	3.818	45	109750	22.06	ug/l	96
23) Vinyl Acetate	3.776	43	446402	105.12	ug/l	97
24) 1,1-Dichloroethane	3.666	63	69508	21.04	ug/l	99
25) 2-Butanone	4.623	43	128139	106.26	ug/l	94
26) 2,2-Dichloropropane	4.544	77	63137	20.54	ug/l	100
27) cis-1,2-Dichloroethene	4.556	96	47500	21.37	ug/l	94
28) Bromochloromethane	4.977	49	25115	18.67	ug/l	86
29) Tetrahydrofuran	5.080	42	78633	107.05	ug/l	95
30) Chloroform	5.172	83	77942	21.09	ug/l	98
31) Cyclohexane	5.544	56	52721	20.11	ug/l	94
32) 1,1,1-Trichloroethane	5.458	97	69779	21.00	ug/l	99
36) 1,1-Dichloropropene	5.757	75	53541	20.77	ug/l	99
37) Ethyl Acetate	4.782	43	47893	20.46	ug/l	98
38) Carbon Tetrachloride	5.745	117	61062	20.30	ug/l	98
39) Methylcyclohexane	7.434	83	59086	20.07	ug/l	98
40) Benzene	6.105	78	163881	21.16	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	26261	21.43	ug/l	96
42) 1,2-Dichloroethane	6.153	62	59263	21.46	ug/l	100
43) Isopropyl Acetate	6.403	43	75260	20.74	ug/l	99
44) Trichloroethene	7.184	130	48716	21.16	ug/l	93
45) 1,2-Dichloropropane	7.489	63	40873	21.51	ug/l	96
46) Dibromomethane	7.635	93	30541	21.17	ug/l	97
47) Bromodichloromethane	7.873	83	61102	20.75	ug/l	99
48) Methyl methacrylate	7.745	41	37868	21.46	ug/l	97
49) 1,4-Dioxane	7.714	88	19627	441.32	ug/l	95
51) 4-Methyl-2-Pentanone	8.616	43	249935	111.04	ug/l	99
52) Toluene	8.763	92	106621	21.65	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	61575	20.53	ug/l	99
54) cis-1,3-Dichloropropene	8.409	75	67575	21.04	ug/l	97
55) 1,1,2-Trichloroethane	9.189	97	46209	22.20	ug/l	96
56) Ethyl methacrylate	9.159	69	56599	20.98	ug/l	97
57) 1,3-Dichloropropane	9.348	76	73333	21.68	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	119181	87.40	ug/l	95
59) 2-Hexanone	9.470	43	190249	112.74	ug/l	100
60) Dibromochloromethane	9.561	129	49529	21.07	ug/l	100
61) 1,2-Dibromoethane	9.653	107	47411	21.35	ug/l	99
64) Tetrachloroethene	9.317	164	50194	21.03	ug/l	97
65) Chlorobenzene	10.116	112	117212	21.07	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.201	131	45544	21.45	ug/l	100
67) Ethyl Benzene	10.232	91	201484	22.01	ug/l	99
68) m/p-Xylenes	10.342	106	156786	44.43	ug/l	100
69) o-Xylene	10.683	106	73041	22.47	ug/l	99
70) Styrene	10.695	104	129548	23.34	ug/l	98
71) Bromoform	10.842	173	37047	21.50	ug/l #	98
73) Isopropylbenzene	11.000	105	202471	21.64	ug/l	100
74) N-amyl acetate	10.878	43	61327	19.34	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.250	83	67709	22.22	ug/l	99
76) 1,2,3-Trichloropropane	11.281	75	63414m	21.69	ug/l	
77) Bromobenzene	11.238	156	53603	21.38	ug/l	92
78) n-propylbenzene	11.342	91	228420	22.09	ug/l	99
79) 2-Chlorotoluene	11.402	91	141150	22.12	ug/l	97
80) 1,3,5-Trimethylbenzene	11.488	105	173728	22.16	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.055	75	19536	18.21	ug/l	96
82) 4-Chlorotoluene	11.494	91	166669	22.01	ug/l	99
83) tert-Butylbenzene	11.756	119	160872	21.36	ug/l	96
84) 1,2,4-Trimethylbenzene	11.787	105	176526	22.52	ug/l	99
85) sec-Butylbenzene	11.927	105	196383	22.35	ug/l	98
86) p-Isopropyltoluene	12.049	119	184240	22.58	ug/l	98
87) 1,3-Dichlorobenzene	12.006	146	98899	21.59	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	100664	21.43	ug/l	98
89) n-Butylbenzene	12.372	91	151553	21.46	ug/l	99
90) Hexachloroethane	12.579	117	31540	20.49	ug/l	97
91) 1,2-Dichlorobenzene	12.372	146	99246	21.94	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	14558	20.35	ug/l	99
93) 1,2,4-Trichlorobenzene	13.628	180	64253	21.30	ug/l	96
94) Hexachlorobutadiene	13.762	225	31295	20.84	ug/l	96
95) Naphthalene	13.817	128	190582	20.98	ug/l	99
96) 1,2,3-Trichlorobenzene	14.000	180	61243	19.97	ug/l	95

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

