

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012021\
 Data File : VX020686.D
 Acq On : 20 Jan 2021 17:25
 Operator : JC/SP
 Sample : VX0120MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0120MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/21/2021 6:36:42 PM

Quant Time: Jan 21 00:34:02 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 14:09:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	219884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	348928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.097	117	301798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.060	152	162717	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	137199	45.64	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.28%
35) Dibromofluoromethane	5.458	113	114982	47.83	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.66%
50) Toluene-d8	8.695	98	417586	48.17	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.34%
62) 4-Bromofluorobenzene	11.122	95	144325	44.05	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.10%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.184	85	60478	18.55	ug/l	98
3) Chloromethane	1.306	50	54786	18.11	ug/l	100
4) Vinyl Chloride	1.392	62	57953	18.63	ug/l	98
5) Bromomethane	1.629	94	23110	15.97	ug/l	99
6) Chloroethane	1.709	64	28825	13.74	ug/l	99
7) Trichlorofluoromethane	1.916	101	69921	15.56	ug/l	97
8) Diethyl Ether	2.166	74	26203	16.54	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.367	101	45505	18.73	ug/l	99
10) Methyl Iodide	2.489	142	58127	17.87	ug/l	99
11) Tert butyl alcohol	3.007	59	46102	86.47	ug/l	99
12) 1,1-Dichloroethene	2.355	96	42781	18.17	ug/l	99
13) Acrolein	2.270	56	31438	115.23	ug/l	98
14) Allyl chloride	2.702	41	65322	18.40	ug/l	96
15) Acrylonitrile	3.111	53	126472	95.70	ug/l	100
16) Acetone	2.416	43	97889	83.84	ug/l	96
17) Carbon Disulfide	2.550	76	117243	17.42	ug/l	99
18) Methyl Acetate	2.745	43	50437	19.02	ug/l	99
19) Methyl tert-butyl Ether	3.160	73	148790	19.20	ug/l	99
20) Methylene Chloride	2.830	84	49835	17.58	ug/l	97
21) trans-1,2-Dichloroethene	3.141	96	47827	18.25	ug/l	99
22) Diisopropyl ether	3.818	45	139099	19.62	ug/l	98
23) Vinyl Acetate	3.781	43	576350	95.28	ug/l	99
24) 1,1-Dichloroethane	3.666	63	84620	18.35	ug/l	99
25) 2-Butanone	4.629	43	154636	90.62	ug/l	98
26) 2,2-Dichloropropane	4.544	77	68136	17.37	ug/l	100
27) cis-1,2-Dichloroethene	4.556	96	52928	17.86	ug/l	100
28) Bromochloromethane	4.976	49	32673	16.96	ug/l	99
29) Tetrahydrofuran	5.086	42	101022	95.36	ug/l	99
30) Chloroform	5.172	83	87313	17.77	ug/l	99
31) Cyclohexane	5.543	56	73634	18.72	ug/l	98
32) 1,1,1-Trichloroethane	5.464	97	76212	17.64	ug/l	99
36) 1,1-Dichloropropene	5.769	75	64689	18.40	ug/l	99
37) Ethyl Acetate	4.787	43	59484	18.36	ug/l	98
38) Carbon Tetrachloride	5.751	117	66456	17.71	ug/l	99
39) Methylcyclohexane	7.433	83	76805	19.19	ug/l	100
40) Benzene	6.110	78	194258	18.85	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	33015	18.90	ug/l	99
42) 1,2-Dichloroethane	6.159	62	69704	18.03	ug/l	99
43) Isopropyl Acetate	6.403	43	95591	19.11	ug/l	100
44) Trichloroethene	7.183	130	53535	19.09	ug/l	97
45) 1,2-Dichloropropane	7.488	63	49453	19.09	ug/l	98
46) Dibromomethane	7.634	93	34326	18.30	ug/l	98
47) Bromodichloromethane	7.872	83	68095	18.07	ug/l	99
48) Methyl methacrylate	7.744	41	46922	18.93	ug/l	96
49) 1,4-Dioxane	7.720	88	22854	404.37	ug/l	98
51) 4-Methyl-2-Pentanone	8.616	43	300917	96.14	ug/l	99
52) Toluene	8.762	92	119979	18.94	ug/l	98
53) t-1,3-Dichloropropene	9.018	75	71640	18.60	ug/l	99
54) cis-1,3-Dichloropropene	8.409	75	79588	18.74	ug/l	97
55) 1,1,2-Trichloroethane	9.195	97	50509	18.85	ug/l	98
56) Ethyl methacrylate	9.159	69	69111	18.92	ug/l	96
57) 1,3-Dichloropropane	9.354	76	86042	19.46	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.287	63	173384	90.53	ug/l	100
59) 2-Hexanone	9.470	43	202316	86.29	ug/l	97
60) Dibromochloromethane	9.561	129	49464	17.13	ug/l	99
61) 1,2-Dibromoethane	9.652	107	49891	18.09	ug/l	98
64) Tetrachloroethene	9.317	164	48002	19.97	ug/l	98
65) Chlorobenzene	10.116	112	120295	18.44	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.201	131	47732	19.44	ug/l	98
67) Ethyl Benzene	10.232	91	211277	19.08	ug/l	98
68) m/p-Xylenes	10.341	106	163829	39.81	ug/l	97
69) o-Xylene	10.683	106	75338	19.07	ug/l	100
70) Styrene	10.695	104	127088	18.43	ug/l	100
71) Bromoform	10.835	173	35070	18.34	ug/l #	96
73) Isopropylbenzene	11.000	105	206700	17.89	ug/l	100
74) N-amyl acetate	10.878	43	68243	16.38	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.250	83	69701	16.91	ug/l	97
76) 1,2,3-Trichloropropane	11.280	75	67954m	17.40	ug/l	
77) Bromobenzene	11.237	156	52037	17.60	ug/l	97
78) n-propylbenzene	11.341	91	240917	18.21	ug/l	99
79) 2-Chlorotoluene	11.402	91	152101	18.67	ug/l	100
80) 1,3,5-Trimethylbenzene	11.487	105	186300	19.28	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.055	75	20156	14.93	ug/l	98
82) 4-Chlorotoluene	11.494	91	179380	18.64	ug/l	98
83) tert-Butylbenzene	11.756	119	174889	18.64	ug/l	97
84) 1,2,4-Trimethylbenzene	11.792	105	190701	18.37	ug/l	99
85) sec-Butylbenzene	11.926	105	205426	18.90	ug/l	99
86) p-Isopropyltoluene	12.048	119	191474	18.07	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	97389	17.91	ug/l	97
88) 1,4-Dichlorobenzene	12.079	146	101550	18.45	ug/l	97
89) n-Butylbenzene	12.371	91	161393	17.52	ug/l	100
90) Hexachloroethane	12.579	117	30801	16.91	ug/l	98
91) 1,2-Dichlorobenzene	12.371	146	99621	18.79	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.981	75	16612	18.06	ug/l	94
93) 1,2,4-Trichlorobenzene	13.627	180	65882	19.14	ug/l	96
94) Hexachlorobutadiene	13.761	225	29277	18.15	ug/l	98
95) Naphthalene	13.816	128	203119	18.08	ug/l	99
96) 1,2,3-Trichlorobenzene	13.999	180	62665	18.68	ug/l	99

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

