

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081021\
 Data File : VX023633.D
 Acq On : 10 Aug 2021 13:50
 Operator : JC/MD
 Sample : VX0810MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0810MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/11/2021 5:04:31 PM

Quant Time: Aug 11 03:00:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	219662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	352336	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	331877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135944	49.613	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.220%		
35) Dibromofluoromethane	5.397	113	107898	48.979	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.960%		
50) Toluene-d8	8.653	98	402764	49.762	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.520%		
62) 4-Bromofluorobenzene	11.085	95	153408	55.740	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	111.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	36947	18.283	ug/l	98
3) Chloromethane	1.294	50	43884	18.641	ug/l	95
4) Vinyl Chloride	1.374	62	43964	18.449	ug/l	99
5) Bromomethane	1.599	94	28449	20.109	ug/l	98
6) Chloroethane	1.685	64	27609	18.878	ug/l	98
7) Trichlorofluoromethane	1.886	101	72829	18.970	ug/l	97
8) Diethyl Ether	2.136	74	26585	18.761	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	43693	20.088	ug/l	95
10) Methyl Iodide	2.453	142	50510	18.535	ug/l	95
11) Tert butyl alcohol	2.971	59	57801	92.341	ug/l	99
12) 1,1-Dichloroethene	2.319	96	40734	18.873	ug/l	96
13) Acrolein	2.239	56	24241	77.127	ug/l	99
14) Allyl chloride	2.666	41	72138	18.384	ug/l	90
15) Acrylonitrile	3.069	53	131202	92.822	ug/l	98
16) Acetone	2.386	43	121245	90.203	ug/l	93
17) Carbon Disulfide	2.514	76	81618	15.336	ug/l	98
18) Methyl Acetate	2.709	43	62418	19.535	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	148482	19.785	ug/l	99
20) Methylene Chloride	2.788	84	48427	18.522	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	42709	18.627	ug/l	96
22) Diisopropyl ether	3.770	45	154641	19.964	ug/l	96
23) Vinyl Acetate	3.727	43	668773	97.804	ug/l #	92
24) 1,1-Dichloroethane	3.617	63	84387	19.821	ug/l	96
25) 2-Butanone	4.562	43	190693	91.384	ug/l	91
26) 2,2-Dichloropropane	4.477	77	68755	19.745	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	52232	19.616	ug/l	97
28) Bromochloromethane	4.910	49	35917	18.076	ug/l	91
29) Tetrahydrofuran	5.013	42	122569	89.611	ug/l	90
30) Chloroform	5.099	83	88286	20.260	ug/l	99
31) Cyclohexane	5.471	56	72231	17.795	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	74391	19.975	ug/l	97
36) 1,1-Dichloropropene	5.696	75	61622	19.334	ug/l	100
37) Ethyl Acetate	4.721	43	71246	17.729	ug/l	95
38) Carbon Tetrachloride	5.684	117	63090	19.464	ug/l	98
39) Methylcyclohexane	7.385	83	75439	18.742	ug/l	97
40) Benzene	6.044	78	181307	19.186	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	39948	18.827	ug/l	92
42) 1,2-Dichloroethane	6.092	62	72482	20.744	ug/l	96
43) Isopropyl Acetate	6.342	43	119294	19.157	ug/l	93
44) Trichloroethene	7.129	130	50333	19.388	ug/l	100
45) 1,2-Dichloropropane	7.434	63	49764	19.900	ug/l	97
46) Dibromomethane	7.586	93	33975	20.030	ug/l	98
47) Bromodichloromethane	7.824	83	61843	20.237	ug/l	100
48) Methyl methacrylate	7.696	41	57875	20.068	ug/l	86
49) 1,4-Dioxane	7.665	88	23678	385.568	ug/l #	93
51) 4-Methyl-2-Pentanone	8.580	43	391034	102.666	ug/l	90
52) Toluene	8.720	92	119481	20.408	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	69982	19.217	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	76216	20.007	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	49423	20.847	ug/l	97
56) Ethyl methacrylate	9.122	69	77056	20.277	ug/l #	78
57) 1,3-Dichloropropane	9.311	76	82632	20.512	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	190925	94.839	ug/l	97
59) 2-Hexanone	9.433	43	300448	103.878	ug/l	87
60) Dibromochloromethane	9.525	129	48100	19.563	ug/l	100
61) 1,2-Dibromoethane	9.610	107	52172	20.626	ug/l	100
64) Tetrachloroethene	9.275	164	49220	18.635	ug/l	92
65) Chlorobenzene	10.079	112	131824	19.407	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	48051	19.025	ug/l	98
67) Ethyl Benzene	10.195	91	233107	19.787	ug/l	99
68) m/p-Xylenes	10.305	106	176593	38.976	ug/l	98
69) o-Xylene	10.646	106	89504	19.925	ug/l	97
70) Styrene	10.659	104	145705	20.472	ug/l	99
71) Bromoform	10.805	173	34294	19.103	ug/l #	99
73) Isopropylbenzene	10.963	105	234828	19.823	ug/l	99
74) N-amyl acetate	10.848	43	105735	19.564	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	75566	19.582	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	72071m	20.861	ug/l	
77) Bromobenzene	11.201	156	58545	20.487	ug/l	96
78) n-propylbenzene	11.305	91	267176	19.928	ug/l	99
79) 2-Chlorotoluene	11.366	91	162643	20.301	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	194336	20.144	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	22200	17.278	ug/l #	87
82) 4-Chlorotoluene	11.457	91	183722	20.270	ug/l	99
83) tert-Butylbenzene	11.719	119	192364	20.327	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	196819	20.510	ug/l	98
85) sec-Butylbenzene	11.896	105	244408	19.919	ug/l	99
86) p-Isopropyltoluene	12.012	119	199065	20.090	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	102708	19.427	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	101951	19.005	ug/l	97
89) n-Butylbenzene	12.335	91	177993	19.843	ug/l	95
90) Hexachloroethane	12.542	117	31589	19.023	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	100393	19.611	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14560	17.012	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	59924	18.632	ug/l	99
94) Hexachlorobutadiene	13.725	225	26726	18.517	ug/l	97
95) Naphthalene	13.780	128	201648	18.235	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	61535	18.947	ug/l	99

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

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