

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
 Data File : VX023763.D
 Acq On : 17 Aug 2021 15:12
 Operator : JC/MD
 Sample : VX0817MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0817MBS01

Manual Integrations
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MMDadoda
 8/19/2021 5:56:05 PM

Quant Time: Aug 17 16:09:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	208766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	329316	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	302574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	138273	47.456	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.920%		
35) Dibromofluoromethane	5.391	113	107351	49.251	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.500%		
50) Toluene-d8	8.653	98	408224	49.208	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.420%		
62) 4-Bromofluorobenzene	11.085	95	146326	47.914	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	46774	21.236	ug/l	99
3) Chloromethane	1.294	50	49657	20.537	ug/l	100
4) Vinyl Chloride	1.374	62	48678	20.642	ug/l	100
5) Bromomethane	1.599	94	36799	24.819	ug/l	97
6) Chloroethane	1.685	64	30426	17.597	ug/l	99
7) Trichlorofluoromethane	1.886	101	79709	21.404	ug/l	99
8) Diethyl Ether	2.136	74	26423	20.317	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	45542	21.733	ug/l	98
10) Methyl Iodide	2.453	142	50483	17.302	ug/l	96
11) Tert butyl alcohol	2.971	59	61363	104.139	ug/l	98
12) 1,1-Dichloroethene	2.319	96	41339	20.633	ug/l	95
13) Acrolein	2.239	56	30652	87.415	ug/l	100
14) Allyl chloride	2.666	41	75085	20.336	ug/l	91
15) Acrylonitrile	3.068	53	136541	104.000	ug/l	96
16) Acetone	2.386	43	141075	108.286	ug/l	91
17) Carbon Disulfide	2.514	76	97123	20.325	ug/l	100
18) Methyl Acetate	2.709	43	66030	20.303	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	144732	20.756	ug/l	99
20) Methylene Chloride	2.794	84	48833	19.623	ug/l #	87
21) trans-1,2-Dichloroethene	3.093	96	44634	20.857	ug/l	96
22) Diisopropyl ether	3.770	45	149922	20.387	ug/l	97
23) Vinyl Acetate	3.727	43	617597	103.817	ug/l	95
24) 1,1-Dichloroethane	3.617	63	83420	20.383	ug/l	98
25) 2-Butanone	4.568	43	209615	106.227	ug/l	93
26) 2,2-Dichloropropane	4.483	77	70250	20.914	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	51100	20.067	ug/l	95
28) Bromochloromethane	4.903	49	34758	18.678	ug/l	92
29) Tetrahydrofuran	5.013	42	134272	105.051	ug/l	87
30) Chloroform	5.099	83	85267	19.676	ug/l	98
31) Cyclohexane	5.477	56	78123	20.870	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	76013	20.485	ug/l	97
36) 1,1-Dichloropropene	5.702	75	64840	21.261	ug/l	98
37) Ethyl Acetate	4.727	43	76064	20.290	ug/l #	94
38) Carbon Tetrachloride	5.684	117	66112	20.789	ug/l	99
39) Methylcyclohexane	7.385	83	81187	21.864	ug/l	95
40) Benzene	6.044	78	186552	20.687	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	42158	20.745	ug/l	91
42) 1,2-Dichloroethane	6.092	62	74800	21.105	ug/l	94
43) Isopropyl Acetate	6.348	43	119961	20.458	ug/l	92
44) Trichloroethene	7.129	130	52662	21.140	ug/l	95
45) 1,2-Dichloropropane	7.434	63	49699	20.754	ug/l	92
46) Dibromomethane	7.586	93	34170	20.505	ug/l	99
47) Bromodichloromethane	7.824	83	61964	20.554	ug/l	95
48) Methyl methacrylate	7.696	41	58387	20.411	ug/l	86
49) 1,4-Dioxane	7.665	88	24626	407.340	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	405477	106.973	ug/l	89
52) Toluene	8.720	92	121705	20.827	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	69776	19.290	ug/l	94
54) cis-1,3-Dichloropropene	8.372	75	75905	20.779	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	50392	20.946	ug/l	98
56) Ethyl methacrylate	9.122	69	76960	19.197	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	85300	21.378	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	177800	91.782	ug/l	97
59) 2-Hexanone	9.433	43	324207	111.273	ug/l	85
60) Dibromochloromethane	9.525	129	46370	18.551	ug/l	98
61) 1,2-Dibromoethane	9.616	107	52594	20.694	ug/l	100
64) Tetrachloroethene	9.275	164	53093	21.969	ug/l	92
65) Chlorobenzene	10.079	112	130661	20.694	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	46674	20.770	ug/l	97
67) Ethyl Benzene	10.195	91	231691	21.014	ug/l	100
68) m/p-Xylenes	10.305	106	178943	42.609	ug/l	99
69) o-Xylene	10.646	106	87014	21.084	ug/l	100
70) Styrene	10.659	104	140626	20.916	ug/l	97
71) Bromoform	10.805	173	31726	18.634	ug/l #	97
73) Isopropylbenzene	10.963	105	229294	21.436	ug/l	99
74) N-amyl acetate	10.848	43	101104	20.915	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	73387	20.934	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	68514m	20.943	ug/l	
77) Bromobenzene	11.201	156	55267	20.977	ug/l	97
78) n-propylbenzene	11.305	91	265669	21.715	ug/l	99
79) 2-Chlorotoluene	11.366	91	157694	21.325	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	192972	21.952	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	21639	19.457	ug/l #	86
82) 4-Chlorotoluene	11.457	91	178296	21.242	ug/l	100
83) tert-Butylbenzene	11.719	119	182065	21.325	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	193669	22.096	ug/l	98
85) sec-Butylbenzene	11.896	105	238025	22.021	ug/l	100
86) p-Isopropyltoluene	12.012	119	197143	22.161	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	99969	20.973	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	100037	21.043	ug/l	98
89) n-Butylbenzene	12.335	91	173267	21.814	ug/l	98
90) Hexachloroethane	12.542	117	28682	19.420	ug/l	95
91) 1,2-Dichlorobenzene	12.341	146	97613	21.138	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14711	19.285	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	57398	20.652	ug/l	95
94) Hexachlorobutadiene	13.725	225	26982	21.782	ug/l	99
95) Naphthalene	13.780	128	195735	19.875	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	59694	21.566	ug/l	99

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

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