

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092221\
 Data File : VX024442.D
 Acq On : 22 Sep 2021 18:15
 Operator : JC/MD
 Sample : VX0922MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0922MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/23/2021 11:36:56 AM

Quant Time: Sep 23 06:40:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	181663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	243252	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	130240	50.277	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.560%	
35) Dibromofluoromethane	5.397	113	104116	63.822	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 127.640%#	
50) Toluene-d8	8.653	98	320797	53.979	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.960%	
62) 4-Bromofluorobenzene	11.085	95	147743	63.881	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 127.760%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	30265	17.331	ug/l	96
3) Chloromethane	1.294	50	32201	17.658	ug/l	99
4) Vinyl Chloride	1.374	62	32653	17.992	ug/l	99
5) Bromomethane	1.599	94	20257	18.749	ug/l	93
6) Chloroethane	1.685	64	18319	15.282	ug/l	90
7) Trichlorofluoromethane	1.886	101	49141	16.142	ug/l	95
8) Diethyl Ether	2.142	74	17086	16.220	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	34405	19.237	ug/l	97
10) Methyl Iodide	2.459	142	43465	17.567	ug/l	93
11) Tert butyl alcohol	2.977	59	63550	103.902	ug/l	98
12) 1,1-Dichloroethene	2.319	96	32084	19.155	ug/l	95
13) Acrolein	2.245	56	11392	66.724	ug/l	91
14) Allyl chloride	2.666	41	57679	18.948	ug/l	94
15) Acrylonitrile	3.075	53	111187	104.939	ug/l	97
16) Acetone	2.392	43	104004	94.159	ug/l	91
17) Carbon Disulfide	2.514	76	62989	15.006	ug/l	99
18) Methyl Acetate	2.715	43	73212	21.142	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	124135	20.166	ug/l	99
20) Methylene Chloride	2.794	84	39349	18.552	ug/l	90
21) trans-1,2-Dichloroethene	3.099	96	34804	18.980	ug/l	97
22) Diisopropyl ether	3.770	45	124342	20.797	ug/l	90
23) Vinyl Acetate	3.733	43	485927	100.097	ug/l	94
24) 1,1-Dichloroethane	3.617	63	68824	19.617	ug/l	99
25) 2-Butanone	4.574	43	164551	101.145	ug/l	89
26) 2,2-Dichloropropane	4.489	77	56160	18.276	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	41455	19.575	ug/l	95
28) Bromochloromethane	4.910	49	23893	16.715	ug/l	98
29) Tetrahydrofuran	5.025	42	105361	103.470	ug/l	91
30) Chloroform	5.105	83	74732	20.031	ug/l	100
31) Cyclohexane	5.477	56	56109	18.517	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	64395	19.286	ug/l	99
36) 1,1-Dichloropropene	5.702	75	50471	22.567	ug/l	99
37) Ethyl Acetate	4.727	43	62008	23.795	ug/l	95
38) Carbon Tetrachloride	5.684	117	55133	21.902	ug/l	99
39) Methylcyclohexane	7.385	83	48046	17.994	ug/l	99
40) Benzene	6.050	78	136692	21.310	ug/l	99

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41) Methacrylonitrile	4.934	41	33741	24.279	ug/l	92
42) 1,2-Dichloroethane	6.098	62	58981	22.051	ug/l	94
43) Isopropyl Acetate	6.348	43	91247	21.996	ug/l	93
44) Trichloroethene	7.135	130	34412	19.094	ug/l	98
45) 1,2-Dichloropropane	7.440	63	34531	20.397	ug/l	98
46) Dibromomethane	7.586	93	24105	19.451	ug/l	99
47) Bromodichloromethane	7.830	83	44827	19.453	ug/l	96
48) Methyl methacrylate	7.696	41	41343	19.975	ug/l	84
49) 1,4-Dioxane	7.665	88	18110	417.871	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	284209	107.517	ug/l	89
52) Toluene	8.726	92	82765	19.687	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	49482	18.935	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	50789	18.781	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	36121	20.174	ug/l	96
56) Ethyl methacrylate	9.122	69	52744	18.529	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	58681	20.125	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	136710	105.510	ug/l	98
59) 2-Hexanone	9.433	43	225484	109.473	ug/l	86
60) Dibromochloromethane	9.525	129	34355	18.062	ug/l	99
61) 1,2-Dibromoethane	9.616	107	37571	19.693	ug/l	100
64) Tetrachloroethene	9.275	164	37904	20.104	ug/l	95
65) Chlorobenzene	10.086	112	97945	19.562	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	36612	19.730	ug/l	98
67) Ethyl Benzene	10.195	91	174985	19.978	ug/l	99
68) m/p-Xylenes	10.305	106	135925	40.535	ug/l	100
69) o-Xylene	10.646	106	73005	21.810	ug/l	99
70) Styrene	10.659	104	120802	22.247	ug/l	97
71) Bromoform	10.805	173	27784	18.664	ug/l #	100
73) Isopropylbenzene	10.963	105	194527	19.202	ug/l	99
74) N-amyl acetate	10.848	43	80701	18.923	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	68196	20.808	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	63281m	20.230	ug/l	
77) Bromobenzene	11.201	156	49464	19.428	ug/l	95
78) n-propylbenzene	11.305	91	219644	19.192	ug/l	99
79) 2-Chlorotoluene	11.366	91	136881	19.255	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	164270	19.237	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	18660	17.544	ug/l	89
82) 4-Chlorotoluene	11.457	91	157300	19.448	ug/l	99
83) tert-Butylbenzene	11.719	119	161069	19.543	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	165444	19.696	ug/l	98
85) sec-Butylbenzene	11.896	105	204337	19.788	ug/l	99
86) p-Isopropyltoluene	12.012	119	169857	19.596	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	87936	19.282	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	87656	18.830	ug/l	96
89) n-Butylbenzene	12.335	91	141811	18.908	ug/l	99
90) Hexachloroethane	12.542	117	24707	17.691	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	88966	19.884	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12761	16.972	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	50187	19.035	ug/l	97
94) Hexachlorobutadiene	13.731	225	24188	18.371	ug/l	99
95) Naphthalene	13.780	128	166780	18.000	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	50727	19.088	ug/l	98

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

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