

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101121\
 Data File : VX024715.D
 Acq On : 11 Oct 2021 16:28
 Operator : JC/MD
 Sample : VX1011MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/12/2021 11:28:30 AM

Quant Time: Oct 11 17:13:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	151670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	237494	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	116125	54.325	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.640%	
35) Dibromofluoromethane	5.397	113	84491	53.552	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.100%	
50) Toluene-d8	8.653	98	307027	52.873	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.740%	
62) 4-Bromofluorobenzene	11.085	95	119209	52.212	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.420%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	36363	23.826	ug/l	97
3) Chloromethane	1.295	50	28983	20.147	ug/l	99
4) Vinyl Chloride	1.374	62	29967	19.914	ug/l	97
5) Bromomethane	1.599	94	20902	20.638	ug/l	96
6) Chloroethane	1.685	64	18048	18.173	ug/l	97
7) Trichlorofluoromethane	1.886	101	49325	18.575	ug/l	95
8) Diethyl Ether	2.136	74	16279	18.010	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	28066	18.743	ug/l	96
10) Methyl Iodide	2.453	142	30052	14.343	ug/l	91
11) Tert butyl alcohol	2.971	59	38086	67.584	ug/l	99
12) 1,1-Dichloroethene	2.319	96	25590	18.406	ug/l	89
13) Acrolein	2.239	56	12325	112.376	ug/l	99
14) Allyl chloride	2.666	41	46428	18.265	ug/l	91
15) Acrylonitrile	3.069	53	85387	87.927	ug/l	99
16) Acetone	2.386	43	101759	107.027	ug/l	90
17) Carbon Disulfide	2.514	76	59359	16.715	ug/l	99
18) Methyl Acetate	2.709	43	59223	18.502	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	96393	18.397	ug/l	98
20) Methylene Chloride	2.794	84	32520	19.638	ug/l	92
21) trans-1,2-Dichloroethene	3.099	96	29228	18.513	ug/l	96
22) Diisopropyl ether	3.770	45	94855	18.265	ug/l	98
23) Vinyl Acetate	3.733	43	388596	92.404	ug/l	95
24) 1,1-Dichloroethane	3.617	63	53473	18.545	ug/l	97
25) 2-Butanone	4.568	43	146928	99.807	ug/l	94
26) 2,2-Dichloropropane	4.489	77	47886	18.461	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	33767	18.299	ug/l	94
28) Bromochloromethane	4.910	49	20889	15.958	ug/l	97
29) Tetrahydrofuran	5.019	42	81921	87.334	ug/l	89
30) Chloroform	5.105	83	60071	18.863	ug/l	92
31) Cyclohexane	5.477	56	46026	17.982	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	52066	18.416	ug/l	97
36) 1,1-Dichloropropene	5.702	75	41742	18.334	ug/l	98
37) Ethyl Acetate	4.727	43	48561	17.084	ug/l	96
38) Carbon Tetrachloride	5.684	117	45540	18.375	ug/l	97
39) Methylcyclohexane	7.385	83	48798	18.305	ug/l	90
40) Benzene	6.044	78	122894	18.877	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	26377	17.969	ug/l	92
42) 1,2-Dichloroethane	6.098	62	51380	18.792	ug/l	95
43) Isopropyl Acetate	6.355	43	77809	18.005	ug/l	93
44) Trichloroethene	7.129	130	34512	19.267	ug/l	100
45) 1,2-Dichloropropane	7.434	63	32614	19.418	ug/l	95
46) Dibromomethane	7.586	93	22838	18.133	ug/l	98
47) Bromodichloromethane	7.830	83	42203	18.283	ug/l	98
48) Methyl methacrylate	7.696	41	41705	19.490	ug/l	87
49) 1,4-Dioxane	7.665	88	16021	326.878	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	283492	99.369	ug/l	92
52) Toluene	8.720	92	80406	19.119	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	46634	17.825	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	48638	18.283	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	33388	19.200	ug/l	97
56) Ethyl methacrylate	9.122	69	44114	15.939	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	54352	18.525	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	127131	93.057	ug/l	97
59) 2-Hexanone	9.433	43	223993	99.697	ug/l	87
60) Dibromochloromethane	9.525	129	31730	16.887	ug/l	98
61) 1,2-Dibromoethane	9.616	107	35294	18.488	ug/l	100
64) Tetrachloroethene	9.281	164	32885	21.606	ug/l	97
65) Chlorobenzene	10.086	112	87570	19.114	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	31943	18.708	ug/l	99
67) Ethyl Benzene	10.195	91	153366	18.911	ug/l	99
68) m/p-Xylenes	10.305	106	117504	37.784	ug/l	98
69) o-Xylene	10.646	106	55917	18.183	ug/l	96
70) Styrene	10.659	104	91907	17.873	ug/l	97
71) Bromoform	10.805	173	22022	16.432	ug/l #	98
73) Isopropylbenzene	10.963	105	154323	19.526	ug/l	100
74) N-amyl acetate	10.848	43	63680	17.517	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	51323	18.362	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	47417m	18.677	ug/l	
77) Bromobenzene	11.201	156	38520	18.941	ug/l	95
78) n-propylbenzene	11.305	91	172970	18.722	ug/l	99
79) 2-Chlorotoluene	11.366	91	106434	18.911	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	134093	19.861	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	14435	17.000	ug/l #	83
82) 4-Chlorotoluene	11.457	91	125052	18.885	ug/l	98
83) tert-Butylbenzene	11.719	119	126385	18.672	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	134162	19.985	ug/l	100
85) sec-Butylbenzene	11.896	105	150445	18.066	ug/l	100
86) p-Isopropyltoluene	12.012	119	139412	19.633	ug/l	98
87) 1,3-Dichlorobenzene	11.976	146	69516	17.949	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	69447	17.358	ug/l	96
89) n-Butylbenzene	12.335	91	117177	18.636	ug/l	96
90) Hexachloroethane	12.542	117	19783	16.942	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	70237	18.344	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11223	16.630	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	44416	18.220	ug/l	96
94) Hexachlorobutadiene	13.725	225	20153	18.072	ug/l	98
95) Naphthalene	13.780	128	144295	18.493	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	43185	17.288	ug/l	99

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

