

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022422\
 Data File : VX027169.D
 Acq On : 24 Feb 2022 14:46
 Operator : JC/MD
 Sample : VX0224MBS01
 Misc : 5.00g/10.0mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0224MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/25/2022
 Supervised By : Mahesh Dadoda 02/25/2022

Quant Time: Feb 25 00:04:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	76323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	124162	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	43761	47.740	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.480%		
35) Dibromofluoromethane	5.391	113	36212	46.986	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.980%		
50) Toluene-d8	8.653	98	136678	47.429	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.860%		
62) 4-Bromofluorobenzene	11.079	95	50823	45.946	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	13457	17.738	ug/l	96
3) Chloromethane	1.294	50	13367	18.848	ug/l	98
4) Vinyl Chloride	1.374	62	12500	17.695	ug/l	98
5) Bromomethane	1.605	94	7955	25.302	ug/l	100
6) Chloroethane	1.691	64	7708	17.770	ug/l	99
7) Trichlorofluoromethane	1.892	101	20001	18.205	ug/l	97
8) Diethyl Ether	2.136	74	6970	18.227	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	13893	18.152	ug/l	95
10) Methyl Iodide	2.453	142	18241	17.749	ug/l	98
11) Tert butyl alcohol	2.965	59	14483	81.206	ug/l #	95
12) 1,1-Dichloroethene	2.325	96	13610	18.317	ug/l	91
13) Acrolein	2.239	56	14951	90.696	ug/l	99
14) Allyl chloride	2.666	41	23791	18.186	ug/l	96
15) Acrylonitrile	3.068	53	43705	95.499	ug/l	98
16) Acetone	2.380	43	35347	87.827	ug/l	97
17) Carbon Disulfide	2.514	76	33637	17.410	ug/l	97
18) Methyl Acetate	2.709	43	19157	18.441	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	48696	19.100	ug/l	98
20) Methylene Chloride	2.794	84	15427	18.494	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	14712	18.566	ug/l	93
22) Diisopropyl ether	3.770	45	49019	19.220	ug/l	93
23) Vinyl Acetate	3.727	43	205555	95.445	ug/l	96
24) 1,1-Dichloroethane	3.617	63	26390	18.304	ug/l	99
25) 2-Butanone	4.556	43	59002	92.056	ug/l	95
26) 2,2-Dichloropropane	4.483	77	18697	17.876	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	17819	19.390	ug/l	92
28) Bromochloromethane	4.904	49	10337	17.723	ug/l	90
29) Tetrahydrofuran	5.007	42	39466	92.002	ug/l	95
30) Chloroform	5.105	83	27887	18.623	ug/l	100
31) Cyclohexane	5.471	56	25746	18.754	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	24103	18.593	ug/l	99
36) 1,1-Dichloropropene	5.696	75	20840	18.528	ug/l	98
37) Ethyl Acetate	4.721	43	21957	17.780	ug/l	97
38) Carbon Tetrachloride	5.684	117	21211	18.081	ug/l	98
39) Methylcyclohexane	7.385	83	25810	18.447	ug/l	94
40) Benzene	6.044	78	61090	18.573	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	12590	18.584	ug/l	94
42) 1,2-Dichloroethane	6.092	62	21886	18.756	ug/l	97
43) Isopropyl Acetate	6.348	43	35642	18.761	ug/l	97
44) Trichloroethene	7.129	130	18181	18.478	ug/l	97
45) 1,2-Dichloropropane	7.434	63	15413	19.178	ug/l	99
46) Dibromomethane	7.586	93	10879	18.846	ug/l	95
47) Bromodichloromethane	7.824	83	20284	18.003	ug/l #	96
48) Methyl methacrylate	7.696	41	17473	19.001	ug/l	95
49) 1,4-Dioxane	7.659	88	6785	326.379	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	118808	96.218	ug/l	97
52) Toluene	8.720	92	39429	18.721	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	19710	17.513	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	23099	18.366	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	15853	19.004	ug/l	100
56) Ethyl methacrylate	9.116	69	24078	18.539	ug/l	93
57) 1,3-Dichloropropane	9.311	76	26490	19.091	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	60504	96.646	ug/l	97
59) 2-Hexanone	9.433	43	88763	94.055	ug/l	95
60) Dibromochloromethane	9.525	129	15802	18.260	ug/l	99
61) 1,2-Dibromoethane	9.610	107	16692	18.789	ug/l	100
64) Tetrachloroethene	9.275	164	18650	18.502	ug/l	94
65) Chlorobenzene	10.079	112	43290	19.061	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	15550	18.880	ug/l	100
67) Ethyl Benzene	10.195	91	75536	18.946	ug/l	97
68) m/p-Xylenes	10.305	106	59213	38.632	ug/l	96
69) o-Xylene	10.646	106	29231	19.002	ug/l	96
70) Styrene	10.659	104	48051	19.089	ug/l	97
71) Bromoform	10.799	173	11046	17.802	ug/l #	99
73) Isopropylbenzene	10.963	105	75530	19.651	ug/l	99
74) N-amyl acetate	10.842	43	29093	19.894	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	22394	19.726	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	21283m	19.672	ug/l	
77) Bromobenzene	11.201	156	18527	19.325	ug/l	94
78) n-propylbenzene	11.305	91	84579	19.361	ug/l	98
79) 2-Chlorotoluene	11.366	91	51814	19.356	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	63695	19.708	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	5423	18.197	ug/l	99
82) 4-Chlorotoluene	11.457	91	58817	19.233	ug/l	97
83) tert-Butylbenzene	11.719	119	61387	19.534	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	62977	19.590	ug/l	97
85) sec-Butylbenzene	11.890	105	77283	19.613	ug/l	99
86) p-Isopropyltoluene	12.012	119	65300	19.439	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	34219	18.969	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	34505	18.707	ug/l	99
89) n-Butylbenzene	12.335	91	53073	18.903	ug/l	98
90) Hexachloroethane	12.542	117	9099	17.486	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	33717	19.156	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4846	18.387	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	20754	18.685	ug/l	98
94) Hexachlorobutadiene	13.725	225	8400	18.216	ug/l	99
95) Naphthalene	13.780	128	75532	20.012	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	21160	19.006	ug/l	99

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

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