

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022522\
 Data File : VX027209.D
 Acq On : 25 Feb 2022 23:54
 Operator : JC/MD
 Sample : VX0225MBS01
 Misc : 5.00g/10.0mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2022
 Supervised By : Mahesh Dadoda 02/28/2022

Quant Time: Feb 26 00:40:00 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	76208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	124267	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	48170	52.630	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.260%			
35) Dibromofluoromethane	5.397	113	40259	52.193	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.380%			
50) Toluene-d8	8.653	98	149940	51.987	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.980%			
62) 4-Bromofluorobenzene	11.079	95	56467	51.005	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	13638	18.003	ug/l	99
3) Chloromethane	1.301	50	13870	19.587	ug/l	100
4) Vinyl Chloride	1.380	62	13303	18.861	ug/l	96
5) Bromomethane	1.605	94	8552	27.320	ug/l	96
6) Chloroethane	1.691	64	7866	18.161	ug/l	96
7) Trichlorofluoromethane	1.892	101	21078	19.214	ug/l	98
8) Diethyl Ether	2.136	74	7259	19.011	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	14280	18.686	ug/l	97
10) Methyl Iodide	2.459	142	19229	18.738	ug/l	95
11) Tert butyl alcohol	2.965	59	16495	92.627	ug/l	97
12) 1,1-Dichloroethene	2.325	96	14335	19.322	ug/l	91
13) Acrolein	2.239	56	13610	82.686	ug/l	100
14) Allyl chloride	2.672	41	24156	18.492	ug/l	96
15) Acrylonitrile	3.069	53	45308	99.152	ug/l	100
16) Acetone	2.380	43	38209	95.082	ug/l	95
17) Carbon Disulfide	2.520	76	34045	17.648	ug/l	98
18) Methyl Acetate	2.709	43	20362	19.631	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	48827	19.180	ug/l	97
20) Methylene Chloride	2.794	84	16142	19.380	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	15298	19.335	ug/l	94
22) Diisopropyl ether	3.764	45	50406	19.794	ug/l	92
23) Vinyl Acetate	3.727	43	212404	98.774	ug/l	97
24) 1,1-Dichloroethane	3.617	63	27592	19.167	ug/l	99
25) 2-Butanone	4.562	43	62267	97.297	ug/l	97
26) 2,2-Dichloropropane	4.483	77	17693	16.942	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	18126	19.754	ug/l	93
28) Bromochloromethane	4.904	49	10052	17.260	ug/l	90
29) Tetrahydrofuran	5.013	42	41193	96.173	ug/l	96
30) Chloroform	5.099	83	28746	19.225	ug/l	95
31) Cyclohexane	5.477	56	25405	18.534	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	24691	19.076	ug/l	100
36) 1,1-Dichloropropene	5.702	75	21197	18.830	ug/l	98
37) Ethyl Acetate	4.721	43	24315	19.672	ug/l	99
38) Carbon Tetrachloride	5.684	117	22271	18.969	ug/l	100
39) Methylcyclohexane	7.379	83	25942	18.525	ug/l	93
40) Benzene	6.044	78	63580	19.313	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	13274	19.578	ug/l	95
42) 1,2-Dichloroethane	6.092	62	23008	19.701	ug/l	97
43) Isopropyl Acetate	6.342	43	36271	19.076	ug/l	96
44) Trichloroethene	7.129	130	18751	19.041	ug/l	91
45) 1,2-Dichloropropane	7.434	63	15736	19.563	ug/l	99
46) Dibromomethane	7.586	93	11303	19.564	ug/l	95
47) Bromodichloromethane	7.824	83	21622	19.175	ug/l	99
48) Methyl methacrylate	7.696	41	18346	19.934	ug/l	95
49) 1,4-Dioxane	7.665	88	8103	389.450	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	122261	98.931	ug/l	98
52) Toluene	8.720	92	41182	19.536	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	20530	18.105	ug/l	93
54) cis-1,3-Dichloropropene	8.366	75	23044	18.307	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	16235	19.445	ug/l	98
56) Ethyl methacrylate	9.116	69	25160	19.356	ug/l	96
57) 1,3-Dichloropropane	9.311	76	27653	19.913	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	61314	97.857	ug/l	97
59) 2-Hexanone	9.433	43	99189	105.014	ug/l	99
60) Dibromochloromethane	9.525	129	16542	19.099	ug/l	100
61) 1,2-Dibromoethane	9.610	107	16974	19.090	ug/l	100
64) Tetrachloroethene	9.275	164	19710	19.218	ug/l	97
65) Chlorobenzene	10.079	112	44147	19.105	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	16007	19.102	ug/l	100
67) Ethyl Benzene	10.195	91	76668	18.900	ug/l	98
68) m/p-Xylenes	10.305	106	60407	38.736	ug/l	97
69) o-Xylene	10.640	106	29811	19.047	ug/l	96
70) Styrene	10.659	104	49283	19.243	ug/l	98
71) Bromoform	10.799	173	11291	17.870	ug/l #	99
73) Isopropylbenzene	10.963	105	77265	20.055	ug/l	98
74) N-amyl acetate	10.842	43	29553	20.161	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	22688	19.938	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	22758m	20.985	ug/l	
77) Bromobenzene	11.201	156	19172	19.951	ug/l	93
78) n-propylbenzene	11.305	91	87536	19.991	ug/l	99
79) 2-Chlorotoluene	11.366	91	54488	20.307	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	65144	20.109	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	5513	18.384	ug/l	96
82) 4-Chlorotoluene	11.457	91	61220	19.972	ug/l	97
83) tert-Butylbenzene	11.713	119	62164	19.735	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	64999	20.171	ug/l	98
85) sec-Butylbenzene	11.890	105	77803	19.698	ug/l	99
86) p-Isopropyltoluene	12.012	119	66633	19.789	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	34701	19.191	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	35605	19.258	ug/l	99
89) n-Butylbenzene	12.335	91	52596	18.689	ug/l	98
90) Hexachloroethane	12.536	117	9472	18.160	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	34685	19.659	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4994	18.904	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	21519	19.328	ug/l	97
94) Hexachlorobutadiene	13.725	225	8467	18.318	ug/l	98
95) Naphthalene	13.780	128	73627	19.461	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	21314	19.099	ug/l	98

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

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