

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022222\
 Data File : VX027132.D
 Acq On : 22 Feb 2022 16:44
 Operator : JC/MD
 Sample : VX0222MBS01
 Misc : 5.00g/10.0mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/23/2022
 Supervised By : Mahesh Dadoda 02/23/2022

Quant Time: Feb 23 02:44:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	67108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	106199	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	94644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	32498	40.342	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	80.680%		
35) Dibromofluoromethane	5.385	113	27185	42.966	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.940%		
50) Toluene-d8	8.647	98	99813	42.976	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	85.960%#		
62) 4-Bromofluorobenzene	11.079	95	38110	46.608	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	12642	17.325	ug/l	100
3) Chloromethane	1.294	50	11100	16.352	ug/l	97
4) Vinyl Chloride	1.380	62	11152	15.694	ug/l	99
5) Bromomethane	1.611	94	7164	23.758	ug/l	96
6) Chloroethane	1.691	64	6831	15.863	ug/l	99
7) Trichlorofluoromethane	1.892	101	18294	17.494	ug/l	95
8) Diethyl Ether	2.136	74	6842	17.663	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	13266	19.354	ug/l	96
10) Methyl Iodide	2.459	142	16396	18.722	ug/l	96
11) Tert butyl alcohol	2.959	59	14980	102.936	ug/l	95
12) 1,1-Dichloroethene	2.325	96	12382	18.029	ug/l	86
13) Acrolein	2.239	56	2732	20.314	ug/l	95
14) Allyl chloride	2.666	41	21587	17.745	ug/l	95
15) Acrylonitrile	3.062	53	41694	99.979	ug/l	99
16) Acetone	2.380	43	37692	106.532	ug/l	97
17) Carbon Disulfide	2.514	76	27343	14.064	ug/l	98
18) Methyl Acetate	2.703	43	18655	18.325	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	46556	19.151	ug/l	100
20) Methylene Chloride	2.794	84	14315	18.673	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	13582	18.793	ug/l	85
22) Diisopropyl ether	3.764	45	46657	19.049	ug/l	95
23) Vinyl Acetate	3.721	43	194121	94.267	ug/l	97
24) 1,1-Dichloroethane	3.617	63	25026	18.883	ug/l	99
25) 2-Butanone	4.556	43	58873	103.278	ug/l	98
26) 2,2-Dichloropropane	4.483	77	18462	20.617	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	16163	19.479	ug/l	94
28) Bromochloromethane	4.904	49	6688	12.174	ug/l	92
29) Tetrahydrofuran	5.007	42	37045	95.591	ug/l	94
30) Chloroform	5.099	83	26073	18.935	ug/l	97
31) Cyclohexane	5.477	56	22108	17.272	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	22368	18.424	ug/l	98
36) 1,1-Dichloropropene	5.696	75	18197	18.231	ug/l	96
37) Ethyl Acetate	4.715	43	22848	20.142	ug/l	99
38) Carbon Tetrachloride	5.684	117	19510	18.640	ug/l	96
39) Methylcyclohexane	7.379	83	23188	18.943	ug/l	94
40) Benzene	6.038	78	56071	19.275	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	11890	19.340	ug/l	95
42) 1,2-Dichloroethane	6.092	62	20938	20.425	ug/l	97
43) Isopropyl Acetate	6.342	43	34452	19.739	ug/l	96
44) Trichloroethene	7.129	130	16917	19.368	ug/l	94
45) 1,2-Dichloropropane	7.434	63	14239	19.346	ug/l	90
46) Dibromomethane	7.580	93	10238	20.103	ug/l	94
47) Bromodichloromethane	7.824	83	19474	19.967	ug/l	100
48) Methyl methacrylate	7.690	41	16849	19.483	ug/l	96
49) 1,4-Dioxane	7.659	88	7201	483.219	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	114584	108.338	ug/l	97
52) Toluene	8.720	92	35763	19.417	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	19079	18.932	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	21848	20.287	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	15462	22.175	ug/l	98
56) Ethyl methacrylate	9.116	69	23049	20.854	ug/l	94
57) 1,3-Dichloropropane	9.311	76	25623	21.400	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	20657	36.413	ug/l	96
59) 2-Hexanone	9.433	43	85890	111.026	ug/l	96
60) Dibromochloromethane	9.525	129	15270	21.284	ug/l	99
61) 1,2-Dibromoethane	9.610	107	15879	21.554	ug/l	99
64) Tetrachloroethene	9.275	164	17683	18.603	ug/l	93
65) Chlorobenzene	10.079	112	39546	20.204	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	14381	19.973	ug/l	98
67) Ethyl Benzene	10.195	91	69255	19.991	ug/l	99
68) m/p-Xylenes	10.305	106	54024	40.533	ug/l	96
69) o-Xylene	10.640	106	26253	20.101	ug/l	98
70) Styrene	10.659	104	45210	21.344	ug/l	96
71) Bromoform	10.799	173	10490	19.971	ug/l #	98
73) Isopropylbenzene	10.963	105	70315	19.217	ug/l	99
74) N-amyl acetate	10.848	43	27412	18.749	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	21238	21.388	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	18317m	18.013	ug/l	
77) Bromobenzene	11.201	156	17579	20.211	ug/l	93
78) n-propylbenzene	11.305	91	78883	19.446	ug/l	100
79) 2-Chlorotoluene	11.366	91	48576	19.381	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	58460	19.412	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	5325	18.655	ug/l	97
82) 4-Chlorotoluene	11.457	91	56054	19.936	ug/l	97
83) tert-Butylbenzene	11.713	119	57726	20.112	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	59490	19.585	ug/l	98
85) sec-Butylbenzene	11.890	105	72127	19.824	ug/l	98
86) p-Isopropyltoluene	12.012	119	61916	20.088	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	32294	20.263	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	32867	20.449	ug/l	100
89) n-Butylbenzene	12.335	91	50988	20.219	ug/l	99
90) Hexachloroethane	12.542	117	8634	19.381	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	32225	20.955	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4678	19.157	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	20593	21.219	ug/l	99
94) Hexachlorobutadiene	13.725	225	8508	20.725	ug/l	99
95) Naphthalene	13.780	128	72442	21.309	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	20736	21.101	ug/l	98

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

