

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022522\
 Data File : VX027210.D
 Acq On : 26 Feb 2022 00:18
 Operator : JC/MD
 Sample : VX0225MBS01
 Misc : 5.00g/10.0mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 33 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 02:48:13 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	77860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	126945	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47911	51.236	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.480%			
35) Dibromofluoromethane	5.391	113	39497	50.125	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.260%			
50) Toluene-d8	8.653	98	149287	50.669	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.340%			
62) 4-Bromofluorobenzene	11.079	95	56693	50.129	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.260%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	15245	19.698	ug/l	98
3) Chloromethane	1.301	50	15400	21.286	ug/l	99
4) Vinyl Chloride	1.380	62	14517	20.145	ug/l	98
5) Bromomethane	1.605	94	9472	29.701	ug/l	98
6) Chloroethane	1.691	64	8788	19.859	ug/l	100
7) Trichlorofluoromethane	1.892	101	22888	20.421	ug/l	97
8) Diethyl Ether	2.136	74	8098	20.758	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	16062	20.572	ug/l	97
10) Methyl Iodide	2.459	142	22548	21.506	ug/l	95
11) Tert butyl alcohol	2.965	59	18834	103.518	ug/l	96
12) 1,1-Dichloroethene	2.325	96	15855	20.917	ug/l	89
13) Acrolein	2.239	56	13047	77.584	ug/l	98
14) Allyl chloride	2.666	41	27577	20.663	ug/l	94
15) Acrylonitrile	3.069	53	50786	108.781	ug/l	99
16) Acetone	2.380	43	43050	104.855	ug/l	93
17) Carbon Disulfide	2.514	76	37775	19.166	ug/l	97
18) Methyl Acetate	2.709	43	22838	21.551	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	55256	21.245	ug/l	98
20) Methylene Chloride	2.794	84	17815	20.935	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	17267	21.361	ug/l	94
22) Diisopropyl ether	3.764	45	56039	21.539	ug/l	90
23) Vinyl Acetate	3.727	43	237541	108.120	ug/l	99
24) 1,1-Dichloroethane	3.617	63	31053	21.113	ug/l	99
25) 2-Butanone	4.562	43	69198	105.833	ug/l	95
26) 2,2-Dichloropropane	4.477	77	19863	18.616	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	20126	21.468	ug/l	93
28) Bromochloromethane	4.910	49	10286	17.287	ug/l	90
29) Tetrahydrofuran	5.013	42	46805	106.957	ug/l	97
30) Chloroform	5.105	83	32425	21.226	ug/l	97
31) Cyclohexane	5.477	56	28355	20.247	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	27866	21.072	ug/l	99
36) 1,1-Dichloropropene	5.696	75	23462	20.402	ug/l	98
37) Ethyl Acetate	4.721	43	26277	20.811	ug/l	98
38) Carbon Tetrachloride	5.684	117	24569	20.484	ug/l	99
39) Methylcyclohexane	7.385	83	28754	20.100	ug/l	96
40) Benzene	6.044	78	70553	20.979	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	14556	21.015	ug/l	95
42) 1,2-Dichloroethane	6.092	62	25165	21.093	ug/l	97
43) Isopropyl Acetate	6.342	43	40697	20.953	ug/l	96
44) Trichloroethene	7.129	130	20934	20.809	ug/l	93
45) 1,2-Dichloropropane	7.434	63	17998	21.904	ug/l	100
46) Dibromomethane	7.586	93	12601	21.351	ug/l	94
47) Bromodichloromethane	7.824	83	23931	20.775	ug/l	96
48) Methyl methacrylate	7.696	41	20317	21.610	ug/l	95
49) 1,4-Dioxane	7.659	88	9077	427.059	ug/l	90
51) 4-Methyl-2-Pentanone	8.574	43	136368	108.018	ug/l	97
52) Toluene	8.720	92	45758	21.249	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	22679	19.336	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	26873	20.899	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	18857	22.109	ug/l	95
56) Ethyl methacrylate	9.116	69	28350	21.350	ug/l	95
57) 1,3-Dichloropropane	9.311	76	31316	22.075	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	59963	93.682	ug/l	96
59) 2-Hexanone	9.433	43	108594	112.545	ug/l	96
60) Dibromochloromethane	9.525	129	18627	21.052	ug/l	100
61) 1,2-Dibromoethane	9.610	107	19522	21.492	ug/l	97
64) Tetrachloroethene	9.275	164	21655	20.692	ug/l	94
65) Chlorobenzene	10.080	112	48866	20.724	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	18015	21.068	ug/l	99
67) Ethyl Benzene	10.195	91	85646	20.691	ug/l	100
68) m/p-Xylenes	10.305	106	67517	42.429	ug/l	96
69) o-Xylene	10.640	106	32812	20.545	ug/l	97
70) Styrene	10.659	104	55128	21.095	ug/l	97
71) Bromoform	10.799	173	12764	19.444	ug/l #	100
73) Isopropylbenzene	10.964	105	86427	21.768	ug/l	99
74) N-amyl acetate	10.842	43	33585	22.232	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	25930	22.111	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	22318m	19.969	ug/l	
77) Bromobenzene	11.201	156	21374	21.582	ug/l	93
78) n-propylbenzene	11.305	91	96698	21.428	ug/l	99
79) 2-Chlorotoluene	11.366	91	59961	21.683	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	71933	21.546	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	6196	19.595	ug/l	98
82) 4-Chlorotoluene	11.457	91	68160	21.576	ug/l	97
83) tert-Butylbenzene	11.713	119	69790	21.498	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	71616	21.565	ug/l	98
85) sec-Butylbenzene	11.890	105	87222	21.428	ug/l	99
86) p-Isopropyltoluene	12.012	119	73605	21.211	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	40195	21.570	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	39589	20.777	ug/l	99
89) n-Butylbenzene	12.335	91	59278	20.438	ug/l	98
90) Hexachloroethane	12.536	117	10810	20.110	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	39044	21.473	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5672	20.833	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	22674	19.761	ug/l	97
94) Hexachlorobutadiene	13.725	225	9415	19.764	ug/l	98
95) Naphthalene	13.774	128	83026	21.294	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	23823	20.714	ug/l	99

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

