

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072822\
 Data File : VX030269.D
 Acq On : 28 Jul 2022 15:00
 Operator : JC/MD
 Sample : VX0728MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0728MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/29/2022
 Supervised By : Mahesh Dadoda 07/29/2022

Quant Time: Jul 29 05:57:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	142234	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	240257	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	254693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	139180	48.684	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.360%		
35) Dibromofluoromethane	5.385	113	111369	48.490	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.980%		
50) Toluene-d8	8.653	98	429142	48.248	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.500%		
62) 4-Bromofluorobenzene	11.085	95	164169	49.734	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.460%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48062	20.593	ug/l	97
3) Chloromethane	1.288	50	47754	20.691	ug/l	96
4) Vinyl Chloride	1.374	62	51190	21.975	ug/l	99
5) Bromomethane	1.593	94	19420	20.355	ug/l	91
6) Chloroethane	1.672	64	30476	22.786	ug/l	96
7) Trichlorofluoromethane	1.880	101	74034	24.123	ug/l	100
8) Diethyl Ether	2.130	74	28186	23.453	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	52588	23.134	ug/l	98
10) Methyl Iodide	2.447	142	28558	14.023	ug/l	95
11) Tert butyl alcohol	2.977	59	98367	141.059	ug/l	100
12) 1,1-Dichloroethene	2.312	96	51976	23.392	ug/l	84
13) Acrolein	2.239	56	14461	84.371	ug/l	94
14) Allyl chloride	2.660	41	108202	23.599	ug/l	96
15) Acrylonitrile	3.068	53	211553	122.761	ug/l	100
16) Acetone	2.386	43	182340	124.580	ug/l	93
17) Carbon Disulfide	2.508	76	123510	20.593	ug/l	98
18) Methyl Acetate	2.709	43	110126	25.438	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	180780	23.753	ug/l	98
20) Methylene Chloride	2.788	84	63808	24.122	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	57190	23.319	ug/l	92
22) Diisopropyl ether	3.763	45	212582	24.505	ug/l	92
23) Vinyl Acetate	3.721	43	917114	121.872	ug/l	97
24) 1,1-Dichloroethane	3.611	63	109451	23.743	ug/l	99
25) 2-Butanone	4.556	43	303462	123.381	ug/l	95
26) 2,2-Dichloropropane	4.471	77	82617	24.785	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	66925	23.206	ug/l	92
28) Bromochloromethane	4.903	49	40359	20.724	ug/l	92
29) Tetrahydrofuran	5.007	42	199718	120.685	ug/l	94
30) Chloroform	5.092	83	109663	24.027	ug/l	98
31) Cyclohexane	5.470	56	100072	24.109	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	88161	23.763	ug/l	97
36) 1,1-Dichloropropene	5.690	75	79495	24.051	ug/l	97
37) Ethyl Acetate	4.714	43	108737	23.231	ug/l	98
38) Carbon Tetrachloride	5.672	117	73067	23.680	ug/l	95
39) Methylcyclohexane	7.379	83	98658	23.125	ug/l	97
40) Benzene	6.037	78	244663	23.527	ug/l	96

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41) Methacrylonitrile	4.922	41	60777	24.224	ug/l	96
42) 1,2-Dichloroethane	6.086	62	85135	23.692	ug/l	97
43) Isopropyl Acetate	6.342	43	166476	24.262	ug/l	97
44) Trichloroethene	7.123	130	64131	22.569	ug/l	93
45) 1,2-Dichloropropane	7.434	63	65609	23.654	ug/l	99
46) Dibromomethane	7.586	93	42467	22.514	ug/l	98
47) Bromodichloromethane	7.824	83	81370	23.730	ug/l	97
48) Methyl methacrylate	7.696	41	83299	24.664	ug/l	95
49) 1,4-Dioxane	7.665	88	36555	468.630	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	580021	124.515	ug/l	97
52) Toluene	8.720	92	150282	23.686	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	89005	24.080	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	96823	24.038	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	63618	23.550	ug/l	96
56) Ethyl methacrylate	9.116	69	104240	24.409	ug/l	94
57) 1,3-Dichloropropane	9.311	76	104299	23.390	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	266511	125.748	ug/l	95
59) 2-Hexanone	9.433	43	468346	127.438	ug/l	96
60) Dibromochloromethane	9.525	129	60548	24.212	ug/l	100
61) 1,2-Dibromoethane	9.610	107	67013	23.757	ug/l	97
64) Tetrachloroethene	9.275	164	61974	22.602	ug/l	95
65) Chlorobenzene	10.079	112	162120	23.433	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	55643	23.659	ug/l	98
67) Ethyl Benzene	10.195	91	297474	27.386	ug/l	98
68) m/p-Xylenes	10.305	106	224894	47.985	ug/l	93
69) o-Xylene	10.646	106	111194	24.072	ug/l	93
70) Styrene	10.659	104	188999	24.904	ug/l	97
71) Bromoform	10.799	173	41423	23.957	ug/l #	99
73) Isopropylbenzene	10.963	105	290931	23.457	ug/l	99
74) N-amyl acetate	10.848	43	147441	24.460	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	103094	22.710	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	98010m	23.404	ug/l	
77) Bromobenzene	11.201	156	66427	22.819	ug/l	92
78) n-propylbenzene	11.305	91	355274	24.001	ug/l	99
79) 2-Chlorotoluene	11.366	91	213789	22.870	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	245719	23.661	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	31303	22.424	ug/l	89
82) 4-Chlorotoluene	11.457	91	242833	23.776	ug/l	97
83) tert-Butylbenzene	11.719	119	228021	23.689	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	249457	24.077	ug/l	97
85) sec-Butylbenzene	11.890	105	317200	24.076	ug/l	99
86) p-Isopropyltoluene	12.012	119	256998	24.382	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	130368	23.028	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	128441	22.287	ug/l	98
89) n-Butylbenzene	12.335	91	244250	24.889	ug/l	98
90) Hexachloroethane	12.542	117	40124	22.109	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	128925	23.201	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24246	22.269	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	77232	23.967	ug/l	97
94) Hexachlorobutadiene	13.725	225	30667	23.701	ug/l	97
95) Naphthalene	13.780	128	298774	23.736	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	78539	23.764	ug/l	99

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

