

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
 Data File : VX035502.D
 Acq On : 03 May 2023 12:18
 Operator : JC/MD
 Sample : VX0503MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/03/2023
 Supervised By : Mahesh Dadoda 05/04/2023

Quant Time: May 03 15:18:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	240003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	371517	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	342236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	142841	49.332	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.660%		
35) Dibromofluoromethane	5.379	113	118976	52.176	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.360%		
50) Toluene-d8	8.647	98	440384	51.196	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.400%		
62) 4-Bromofluorobenzene	11.079	95	173574	53.640	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	45485	17.911	ug/l	99
3) Chloromethane	1.295	50	35328	15.292	ug/l	100
4) Vinyl Chloride	1.374	62	37719	16.279	ug/l	96
5) Bromomethane	1.618	94	25224	16.379	ug/l	98
6) Chloroethane	1.691	64	21718	16.026	ug/l	96
7) Trichlorofluoromethane	1.886	101	65528	18.085	ug/l	97
8) Diethyl Ether	2.130	74	22516	17.043	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	44054	18.203	ug/l	95
10) Methyl Iodide	2.453	142	45581	14.923	ug/l	99
11) Tert butyl alcohol	2.995	59	50511	95.808	ug/l	95
12) 1,1-Dichloroethene	2.319	96	39241	16.834	ug/l	98
13) Acrolein	2.239	56	50541	97.480	ug/l	98
14) Allyl chloride	2.666	41	68424	16.680	ug/l	97
15) Acrylonitrile	3.062	53	120843	91.644	ug/l	100
16) Acetone	2.392	43	111625	88.763	ug/l	98
17) Carbon Disulfide	2.514	76	87031	15.575	ug/l	100
18) Methyl Acetate	2.703	43	90623	18.635	ug/l	95
19) Methyl tert-butyl Ether	3.105	73	155790	19.481	ug/l	96
20) Methylene Chloride	2.788	84	47962	16.633	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	43671	17.250	ug/l	96
22) Diisopropyl ether	3.751	45	147727	18.198	ug/l	90
23) Vinyl Acetate	3.715	43	520662	93.312	ug/l	99
24) 1,1-Dichloroethane	3.611	63	81605	17.847	ug/l	99
25) 2-Butanone	4.556	43	166497	90.708	ug/l	93
26) 2,2-Dichloropropane	4.471	77	66254	18.495	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	53671	18.035	ug/l	94
28) Bromochloromethane	4.898	49	41557	21.327	ug/l #	82
29) Tetrahydrofuran	5.007	42	103683	88.116	ug/l	94
30) Chloroform	5.087	83	86187	18.672	ug/l	99
31) Cyclohexane	5.464	56	69437	16.905	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	76049	18.799	ug/l	96
36) 1,1-Dichloropropene	5.690	75	62247	17.483	ug/l	98
37) Ethyl Acetate	4.709	43	61440	18.893	ug/l	96
38) Carbon Tetrachloride	5.672	117	64201	18.994	ug/l	99
39) Methylcyclohexane	7.379	83	75626	17.449	ug/l	96
40) Benzene	6.031	78	186358	18.246	ug/l	99

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41) Methacrylonitrile	4.910	41	34948	18.755	ug/l	97
42) 1,2-Dichloroethane	6.080	62	69188	18.999	ug/l	96
43) Isopropyl Acetate	6.336	43	105072	19.229	ug/l	95
44) Trichloroethene	7.123	130	51998	18.480	ug/l	96
45) 1,2-Dichloropropane	7.428	63	48477	18.826	ug/l	99
46) Dibromomethane	7.580	93	34005	19.230	ug/l	91
47) Bromodichloromethane	7.818	83	65167	20.002	ug/l	97
48) Methyl methacrylate	7.690	41	52198	19.474	ug/l	92
49) 1,4-Dioxane	7.696	88	24321	372.250	ug/l	95
51) 4-Methyl-2-Pentanone	8.568	43	333248	99.268	ug/l	95
52) Toluene	8.714	92	123390	19.058	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	70971	20.859	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	77846	20.242	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	51734	20.044	ug/l	97
56) Ethyl methacrylate	9.116	69	78521	20.423	ug/l	90
57) 1,3-Dichloropropane	9.305	76	86404	19.573	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	178773	92.992	ug/l	94
59) 2-Hexanone	9.427	43	252526	100.130	ug/l	94
60) Dibromochloromethane	9.519	129	52462	21.215	ug/l	97
61) 1,2-Dibromoethane	9.610	107	54917	20.640	ug/l	99
64) Tetrachloroethene	9.275	164	48056	18.339	ug/l	94
65) Chlorobenzene	10.080	112	136686	18.460	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	51474	19.975	ug/l	98
67) Ethyl Benzene	10.195	91	241993	18.872	ug/l	99
68) m/p-Xylenes	10.299	106	184641	37.579	ug/l	99
69) o-Xylene	10.640	106	91537	18.999	ug/l	99
70) Styrene	10.653	104	152774	19.556	ug/l	97
71) Bromoform	10.799	173	36781	20.520	ug/l #	98
73) Isopropylbenzene	10.964	105	246668	19.409	ug/l	99
74) N-amyl acetate	10.842	43	94033	19.688	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	77275	19.590	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	62931m	18.146	ug/l	
77) Bromobenzene	11.195	156	61202	19.373	ug/l	91
78) n-propylbenzene	11.305	91	271442	18.597	ug/l	98
79) 2-Chlorotoluene	11.366	91	168714	18.498	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	208869	19.491	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	19831	18.520	ug/l	97
82) 4-Chlorotoluene	11.451	91	194124	18.950	ug/l	99
83) tert-Butylbenzene	11.713	119	207687	19.316	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	207562	19.277	ug/l	99
85) sec-Butylbenzene	11.890	105	247582	18.772	ug/l	99
86) p-Isopropyltoluene	12.006	119	213218	19.008	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	114539	19.078	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	114018	18.113	ug/l	99
89) n-Butylbenzene	12.335	91	175198	18.502	ug/l	98
90) Hexachloroethane	12.536	117	32744	19.069	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	112593	18.751	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15321	19.369	ug/l	81
93) 1,2,4-Trichlorobenzene	13.585	180	72063	19.092	ug/l	99
94) Hexachlorobutadiene	13.725	225	31799	19.196	ug/l	98
95) Naphthalene	13.774	128	234978	20.223	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	72012	18.953	ug/l	98

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

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