

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044939.D
 Acq On : 28 Sep 2021 14:22
 Operator : SY/MD
 Sample : VU0928MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/29/2021
 Supervised By : Mahesh Dadoda 09/30/2021

Quant Time: Sep 28 15:53:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	167236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	299643	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	282348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	140069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	128675	46.222	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.440%		
35) Dibromofluoromethane	5.295	113	89631	47.418	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.840%		
50) Toluene-d8	7.903	98	350330	46.907	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.820%		
62) 4-Bromofluorobenzene	10.636	95	130511	42.326	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	40068	19.348	ug/l	100
3) Chloromethane	1.520	50	49908	18.605	ug/l	100
4) Vinyl Chloride	1.607	62	52005	19.416	ug/l	98
5) Bromomethane	1.851	94	36670	34.903	ug/l	99
6) Chloroethane	1.932	64	34963	16.992	ug/l	98
7) Trichlorofluoromethane	2.141	101	68096	19.252	ug/l	99
8) Diethyl Ether	2.382	74	30699	18.938	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.584	101	38710	19.243	ug/l	98
10) Methyl Iodide	2.726	142	33411	15.561	ug/l	98
11) Tert butyl alcohol	3.192	59	60218	75.369	ug/l	99
12) 1,1-Dichloroethene	2.584	96	38201	19.266	ug/l	92
13) Acrolein	2.488	56	12973	85.360	ug/l	99
14) Allyl chloride	2.928	41	68023	18.538	ug/l	95
15) Acrylonitrile	3.317	53	149347	92.684	ug/l	99
16) Acetone	2.629	43	140104	84.786	ug/l	99
17) Carbon Disulfide	2.797	76	108848	18.597	ug/l	100
18) Methyl Acetate	2.954	43	89805	18.595	ug/l	99
19) Methyl tert-butyl Ether	3.369	73	143577	18.758	ug/l	98
20) Methylene Chloride	3.051	84	46466	18.669	ug/l	95
21) trans-1,2-Dichloroethene	3.356	96	41270	19.027	ug/l	93
22) Diisopropyl ether	3.999	45	138857	18.535	ug/l	94
23) Vinyl Acetate	3.961	43	574601	94.306	ug/l	97
24) 1,1-Dichloroethane	3.877	63	82180	19.109	ug/l	100
25) 2-Butanone	4.707	43	205525	87.542	ug/l	98
26) 2,2-Dichloropropane	4.671	77	67250	18.496	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	48347	18.873	ug/l	97
28) Bromochloromethane	4.980	49	29845	16.743	ug/l	93
29) Tetrahydrofuran	5.057	42	130975	93.717	ug/l	97
30) Chloroform	5.092	83	81298	18.756	ug/l	98
31) Cyclohexane	5.395	56	78327	18.523	ug/l	93
32) 1,1,1-Trichloroethane	5.321	97	66425	18.573	ug/l	99
36) 1,1-Dichloropropene	5.530	75	59765	19.073	ug/l	98
37) Ethyl Acetate	4.809	43	78715	18.985	ug/l	99
38) Carbon Tetrachloride	5.530	117	51854	19.124	ug/l	98
39) Methylcyclohexane	6.768	83	74388	19.337	ug/l	97
40) Benzene	5.780	78	177619	19.032	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	40745	19.089	ug/l	98
42) 1,2-Dichloroethane	5.800	62	70596	19.245	ug/l	99
43) Isopropyl Acetate	5.915	43	116231	18.634	ug/l	99
44) Trichloroethene	6.546	130	41897	19.040	ug/l	98
45) 1,2-Dichloropropane	6.796	63	46850	18.934	ug/l	97
46) Dibromomethane	6.922	93	32384	19.428	ug/l	99
47) Bromodichloromethane	7.108	83	61716	19.069	ug/l	99
48) Methyl methacrylate	6.964	41	54304	17.886	ug/l	94
49) 1,4-Dioxane	6.973	88	23769	278.428	ug/l	91
51) 4-Methyl-2-Pentanone	7.796	43	389159	85.699	ug/l	99
52) Toluene	7.973	92	110326	18.888	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	68288	18.451	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	74203	19.248	ug/l	98
55) 1,1,2-Trichloroethane	8.404	97	45636	18.751	ug/l	99
56) Ethyl methacrylate	8.337	69	75301	17.175	ug/l	97
57) 1,3-Dichloropropane	8.578	76	79747	18.360	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.468	63	90668	76.647	ug/l	98
59) 2-Hexanone	8.687	43	310540	83.978	ug/l	99
60) Dibromochloromethane	8.816	129	42331	17.866	ug/l	100
61) 1,2-Dibromoethane	8.928	107	47084	18.200	ug/l	99
64) Tetrachloroethene	8.558	164	36758	19.947	ug/l	97
65) Chlorobenzene	9.452	112	111632	18.858	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	38577	18.666	ug/l	99
67) Ethyl Benzene	9.574	91	211308	19.398	ug/l	99
68) m/p-Xylenes	9.697	106	160908	38.022	ug/l	98
69) o-Xylene	10.105	106	79067	18.825	ug/l	98
70) Styrene	10.118	104	129103	18.322	ug/l	98
71) Bromoform	10.295	173	29918	15.881	ug/l #	99
73) Isopropylbenzene	10.488	105	207075	19.852	ug/l	100
74) N-amyl acetate	10.324	43	96102	18.298	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	78190	17.325	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	69831m	17.092	ug/l	
77) Bromobenzene	10.787	156	46475	18.452	ug/l	98
78) n-propylbenzene	10.909	91	251508	19.786	ug/l	100
79) 2-Chlorotoluene	10.989	91	149502	18.763	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	178165	19.498	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	24362	16.548	ug/l	97
82) 4-Chlorotoluene	11.099	91	173100	19.220	ug/l	99
83) tert-Butylbenzene	11.423	119	167239	18.816	ug/l	98
84) 1,2,4-Trimethylbenzene	11.472	105	178837	19.782	ug/l	99
85) sec-Butylbenzene	11.648	105	223341	19.513	ug/l	100
86) p-Isopropyltoluene	11.796	119	184137	19.999	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	89886	18.635	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	90077	18.255	ug/l	97
89) n-Butylbenzene	12.214	91	166424	19.625	ug/l	99
90) Hexachloroethane	12.478	117	29937	18.006	ug/l	97
91) 1,2-Dichlorobenzene	12.217	146	90734	18.402	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	19775	18.570	ug/l	97
93) 1,2,4-Trichlorobenzene	13.844	180	54020	19.659	ug/l	99
94) Hexachlorobutadiene	14.024	225	22074	19.244	ug/l	97
95) Naphthalene	14.089	128	198601	19.217	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	55770	20.209	ug/l	100

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

