

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
 Data File : VU045039.D
 Acq On : 30 Sep 2021 12:11
 Operator : SY/MD
 Sample : VU0930MBS01
 Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0930MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/1/2021 11:03:30 AM

Quant Time: Sep 30 16:06:56 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	167970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	304249	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	289080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	140027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	153786	55.001	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.000%			
35) Dibromofluoromethane	5.295	113	104605	54.502	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.000%			
50) Toluene-d8	7.902	98	418861	55.233	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.460%			
62) 4-Bromofluorobenzene	10.636	95	157962	50.453	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	41178	19.797	ug/l	100
3) Chloromethane	1.523	50	49312	18.303	ug/l	97
4) Vinyl Chloride	1.607	62	52607	19.555	ug/l	97
5) Bromomethane	1.845	94	36701	34.780	ug/l	98
6) Chloroethane	1.928	64	36274	17.552	ug/l	100
7) Trichlorofluoromethane	2.137	101	69534	19.572	ug/l	100
8) Diethyl Ether	2.379	74	32574	20.007	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.581	101	39969	19.782	ug/l	100
10) Methyl Iodide	2.726	142	44255	20.522	ug/l	99
11) Tert butyl alcohol	3.182	59	67412	84.004	ug/l	99
12) 1,1-Dichloroethene	2.581	96	39489	19.829	ug/l	98
13) Acrolein	2.488	56	16008	104.155	ug/l	96
14) Allyl chloride	2.925	41	71148	19.305	ug/l	94
15) Acrylonitrile	3.317	53	158731	98.077	ug/l	100
16) Acetone	2.629	43	158646	95.588	ug/l	100
17) Carbon Disulfide	2.797	76	107942	18.361	ug/l	99
18) Methyl Acetate	2.951	43	95611	19.710	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	156494	20.357	ug/l	99
20) Methylene Chloride	3.051	84	49477	19.792	ug/l	94
21) trans-1,2-Dichloroethene	3.359	96	42618	19.563	ug/l	95
22) Diisopropyl ether	3.999	45	151225	20.098	ug/l	98
23) Vinyl Acetate	3.961	43	622454	101.714	ug/l	97
24) 1,1-Dichloroethane	3.874	63	86445	20.013	ug/l	99
25) 2-Butanone	4.703	43	222178	94.222	ug/l	98
26) 2,2-Dichloropropane	4.671	77	69396	19.003	ug/l	98
27) cis-1,2-Dichloroethene	4.671	96	52004	20.211	ug/l	98
28) Bromochloromethane	4.980	49	41071	22.941	ug/l	94
29) Tetrahydrofuran	5.054	42	135806	96.750	ug/l	94
30) Chloroform	5.096	83	87638	20.130	ug/l	99
31) Cyclohexane	5.391	56	79466	18.710	ug/l	95
32) 1,1,1-Trichloroethane	5.321	97	72332	20.136	ug/l	98
36) 1,1-Dichloropropene	5.530	75	62501	19.644	ug/l	99
37) Ethyl Acetate	4.806	43	81439	19.345	ug/l	98
38) Carbon Tetrachloride	5.530	117	54584	19.826	ug/l	98
39) Methylcyclohexane	6.768	83	77536	19.851	ug/l	96
40) Benzene	5.780	78	190100	20.061	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	42755	19.728	ug/l	97
42) 1,2-Dichloroethane	5.800	62	76656	20.581	ug/l	99
43) Isopropyl Acetate	5.915	43	124931	19.726	ug/l	99
44) Trichloroethene	6.546	130	43923	19.659	ug/l	97
45) 1,2-Dichloropropane	6.796	63	50878	20.251	ug/l	99
46) Dibromomethane	6.922	93	35466	20.955	ug/l	99
47) Bromodichloromethane	7.112	83	68352	20.800	ug/l	99
48) Methyl methacrylate	6.964	41	58558	18.995	ug/l	95
49) 1,4-Dioxane	6.964	88	27088	317.645	ug/l	95
51) 4-Methyl-2-Pentanone	7.793	43	417013	90.443	ug/l	98
52) Toluene	7.973	92	119946	20.224	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	74199	19.745	ug/l	100
54) cis-1,3-Dichloropropene	7.613	75	79808	20.389	ug/l	98
55) 1,1,2-Trichloroethane	8.404	97	49452	20.011	ug/l	99
56) Ethyl methacrylate	8.337	69	83141	18.517	ug/l	98
57) 1,3-Dichloropropane	8.578	76	87609	19.865	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.468	63	126167	96.939	ug/l	97
59) 2-Hexanone	8.687	43	331876	88.389	ug/l	99
60) Dibromochloromethane	8.812	129	46064	18.991	ug/l	100
61) 1,2-Dibromoethane	8.928	107	52162	19.857	ug/l	99
64) Tetrachloroethene	8.555	164	38383	20.343	ug/l	97
65) Chlorobenzene	9.449	112	122385	20.193	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	41942	19.821	ug/l	98
67) Ethyl Benzene	9.574	91	226881	20.343	ug/l	100
68) m/p-Xylenes	9.697	106	175500	40.504	ug/l	99
69) o-Xylene	10.105	106	86325	20.074	ug/l	99
70) Styrene	10.118	104	141791	19.654	ug/l	99
71) Bromoform	10.295	173	33752	17.384	ug/l #	99
73) Isopropylbenzene	10.488	105	225222	21.598	ug/l	100
74) N-amyl acetate	10.324	43	103438	19.700	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	89371	19.808	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	76630m	18.762	ug/l	
77) Bromobenzene	10.787	156	51310	20.377	ug/l	98
78) n-propylbenzene	10.909	91	271809	21.390	ug/l	99
79) 2-Chlorotoluene	10.989	91	162800	20.439	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	192127	21.032	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	26467	17.983	ug/l	100
82) 4-Chlorotoluene	11.099	91	186792	20.747	ug/l	100
83) tert-Butylbenzene	11.423	119	183423	20.643	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	192122	21.258	ug/l	99
85) sec-Butylbenzene	11.648	105	239301	20.913	ug/l	100
86) p-Isopropyltoluene	11.796	119	194970	21.182	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	98051	20.334	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	97646	19.795	ug/l	97
89) n-Butylbenzene	12.214	91	173501	20.465	ug/l	100
90) Hexachloroethane	12.481	117	32235	19.394	ug/l	96
91) 1,2-Dichlorobenzene	12.217	146	98397	19.962	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	20825	19.562	ug/l	97
93) 1,2,4-Trichlorobenzene	13.844	180	56327	20.505	ug/l	100
94) Hexachlorobutadiene	14.024	225	22138	19.305	ug/l	97
95) Naphthalene	14.092	128	204544	19.798	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	56201	20.371	ug/l	99

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

