

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048761.D
 Acq On : 01 Jun 2022 00:37
 Operator : SY/MD
 Sample : VU0531MBS02
 Misc : 5.00g/10.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531MBS02

Quant Time: Jun 01 02:27:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	220717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	386747	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	354308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	191769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	185453	55.948	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.900%
35) Dibromofluoromethane	5.288	113	140326	50.859	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.720%
50) Toluene-d8	7.899	98	499629	50.516	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.040%
62) 4-Bromofluorobenzene	10.632	95	190504	50.930	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.860%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	48037	19.012	ug/l	97
3) Chloromethane	1.523	50	60293	18.536	ug/l	99
4) Vinyl Chloride	1.604	62	63848	21.194	ug/l	100
5) Bromomethane	1.851	94	26403	12.436	ug/l	97
6) Chloroethane	1.932	64	38378	21.804	ug/l	97
7) Trichlorofluoromethane	2.137	101	87934	20.438	ug/l	98
8) Diethyl Ether	2.375	74	34904	21.983	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.581	101	48664	20.663	ug/l	96
10) Methyl Iodide	2.719	142	65311	20.552	ug/l	96
11) Tert butyl alcohol	3.173	59	94620	112.592	ug/l #	42
12) 1,1-Dichloroethene	2.578	96	47615	21.196	ug/l	98
13) Acrolein	2.485	56	17732	60.450	ug/l	99
14) Allyl chloride	2.922	41	92652	21.294	ug/l	97
15) Acrylonitrile	3.311	53	222165	121.892	ug/l	98
16) Acetone	2.623	43	191901	113.599	ug/l	98
17) Carbon Disulfide	2.790	76	128929	19.660	ug/l	99
18) Methyl Acetate	2.948	43	118175	27.863	ug/l	99
19) Methyl tert-butyl Ether	3.362	73	191623	22.481	ug/l	98
20) Methylene Chloride	3.044	84	64558	22.473	ug/l	97
21) trans-1,2-Dichloroethene	3.353	96	52978	20.617	ug/l	91
22) Diisopropyl ether	3.993	45	197713	24.634	ug/l	99
23) Vinyl Acetate	3.954	43	806452	115.973	ug/l	98
24) 1,1-Dichloroethane	3.870	63	113790	22.574	ug/l	99
25) 2-Butanone	4.700	43	298876	123.156	ug/l	99
26) 2,2-Dichloropropane	4.665	77	58531	12.943	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	64833	21.797	ug/l	94
28) Bromochloromethane	4.973	49	51571	26.083	ug/l	98
29) Tetrahydrofuran	5.050	42	196097	128.283	ug/l	97
30) Chloroform	5.089	83	113851	22.573	ug/l	98
31) Cyclohexane	5.388	56	89041	21.315	ug/l	97
32) 1,1,1-Trichloroethane	5.317	97	92844	20.290	ug/l	99
36) 1,1-Dichloropropene	5.526	75	76138	18.907	ug/l	99
37) Ethyl Acetate	4.803	43	103343	20.300	ug/l	98
38) Carbon Tetrachloride	5.526	117	82994	17.964	ug/l	98
39) Methylcyclohexane	6.764	83	78586	18.612	ug/l	99
40) Benzene	5.774	78	230227	19.365	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	57667	22.416	ug/l	99
42) 1,2-Dichloroethane	5.796	62	90878	19.528	ug/l	98
43) Isopropyl Acetate	5.909	43	155855	21.093	ug/l	99
44) Trichloroethene	6.542	130	56798	18.544	ug/l	97
45) 1,2-Dichloropropane	6.793	63	65299	21.817	ug/l	100
46) Dibromomethane	6.919	93	45883	20.519	ug/l	98
47) Bromodichloromethane	7.105	83	91341	20.199	ug/l	97
48) Methyl methacrylate	6.960	41	75388	22.728	ug/l	98
49) 1,4-Dioxane	6.960	88	31857	429.633	ug/l	98
51) 4-Methyl-2-Pentanone	7.790	43	566645	118.107	ug/l	99
52) Toluene	7.970	92	144048	20.257	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	91901	18.840	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	96571	19.105	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	64224	20.464	ug/l	99
56) Ethyl methacrylate	8.333	69	98397	21.417	ug/l	99
57) 1,3-Dichloropropane	8.574	76	110912	20.997	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	84790	96.371	ug/l	97
59) 2-Hexanone	8.684	43	444735	112.912	ug/l	99
60) Dibromochloromethane	8.809	129	69304	19.700	ug/l	99
61) 1,2-Dibromoethane	8.925	107	65640	18.991	ug/l	100
64) Tetrachloroethene	8.555	164	47791	18.731	ug/l	98
65) Chlorobenzene	9.449	112	153732	20.515	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	60223	21.172	ug/l	99
67) Ethyl Benzene	9.571	91	267741	21.184	ug/l	99
68) m/p-Xylenes	9.693	106	209272	42.336	ug/l	98
69) o-Xylene	10.102	106	104106	21.437	ug/l	98
70) Styrene	10.115	104	174110	21.796	ug/l	98
71) Bromoform	10.291	173	56285	21.402	ug/l #	99
73) Isopropylbenzene	10.484	105	270741	21.868	ug/l	99
74) N-amyl acetate	10.320	43	127618	21.823	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.783	83	115268	22.815	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	128060	20.711	ug/l	98
77) Bromobenzene	10.783	156	71872	21.616	ug/l	99
78) n-propylbenzene	10.906	91	323589	21.935	ug/l	99
79) 2-Chlorotoluene	10.986	91	197884	21.570	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	234618	21.792	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.545	75	29714	17.449	ug/l	96
82) 4-Chlorotoluene	11.095	91	234088	22.115	ug/l	98
83) tert-Butylbenzene	11.420	119	227722	22.038	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	235517	21.003	ug/l	99
85) sec-Butylbenzene	11.645	105	284363	21.997	ug/l	99
86) p-Isopropyltoluene	11.793	119	242617	21.855	ug/l	100
87) 1,3-Dichlorobenzene	11.745	146	136789	20.983	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	138088	20.503	ug/l	99
89) n-Butylbenzene	12.211	91	205847	19.900	ug/l	100
90) Hexachloroethane	12.475	117	43908	19.380	ug/l	96
91) 1,2-Dichlorobenzene	12.214	146	133881	20.329	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.999	75	30535	20.991	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	87237	20.187	ug/l	98
94) Hexachlorobutadiene	14.021	225	35836	17.301	ug/l	97
95) Naphthalene	14.089	128	303910	21.646	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	89878	20.998	ug/l	99

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

