

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049443.D
 Acq On : 28 Jun 2022 07:46
 Operator : SY/MD
 Sample : VU0627MBS02
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS02

Quant Time: Jun 28 08:32:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 05:14:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	231606	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	429008	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	387118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	181621	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	191780	53.767	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.540%	
35) Dibromofluoromethane	5.288	113	153763	51.230	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.460%	
50) Toluene-d8	7.896	98	542767	50.700	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.400%	
62) 4-Bromofluorobenzene	10.632	95	202565	49.396	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.800%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.385	85	61959	16.648	ug/l	99
3) Chloromethane	1.523	50	90394	19.373	ug/l	99
4) Vinyl Chloride	1.604	62	69954	18.670	ug/l	96
5) Bromomethane	1.854	94	25808	22.151	ug/l	100
6) Chloroethane	1.928	64	41086	24.774	ug/l	97
7) Trichlorofluoromethane	2.134	101	83479	17.481	ug/l	99
8) Diethyl Ether	2.375	74	39978	23.176	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.578	101	48862	19.018	ug/l	96
10) Methyl Iodide	2.719	142	65461	29.543	ug/l	95
11) Tert butyl alcohol	3.195	59	124494	149.119	ug/l	# 51
12) 1,1-Dichloroethene	2.578	96	52008	20.675	ug/l	93
13) Acrolein	2.488	56	46480	82.211	ug/l	99
14) Allyl chloride	2.922	41	103161	20.291	ug/l	# 86
15) Acrylonitrile	3.314	53	234599	116.838	ug/l	99
16) Acetone	2.629	43	194513	108.138	ug/l	98
17) Carbon Disulfide	2.790	76	146487	18.673	ug/l	100
18) Methyl Acetate	2.951	43	107276	22.031	ug/l	91
19) Methyl tert-butyl Ether	3.362	73	210812	22.532	ug/l	100
20) Methylene Chloride	3.044	84	75104	24.707	ug/l	94
21) trans-1,2-Dichloroethene	3.353	96	58193	21.460	ug/l	93
22) Diisopropyl ether	3.989	45	218505	22.511	ug/l	84
23) Vinyl Acetate	3.954	43	944328	110.995	ug/l	94
24) 1,1-Dichloroethane	3.870	63	119783	21.483	ug/l	97
25) 2-Butanone	4.703	43	304608	112.998	ug/l	93
26) 2,2-Dichloropropane	4.661	77	52692	11.355	ug/l	97
27) cis-1,2-Dichloroethene	4.668	96	72328	23.085	ug/l	96
28) Bromochloromethane	4.973	49	49101	20.147	ug/l	# 77
29) Tetrahydrofuran	5.050	42	207543	112.229	ug/l	88
30) Chloroform	5.089	83	116942	21.203	ug/l	98
31) Cyclohexane	5.388	56	97088	18.128	ug/l	92
32) 1,1,1-Trichloroethane	5.314	97	94549	19.758	ug/l	99
36) 1,1-Dichloropropene	5.526	75	76615	17.604	ug/l	99
37) Ethyl Acetate	4.803	43	116766	19.635	ug/l	# 94
38) Carbon Tetrachloride	5.526	117	79343	17.384	ug/l	99
39) Methylcyclohexane	6.764	83	84814	16.259	ug/l	92
40) Benzene	5.774	78	262289	19.962	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	60859	20.423	ug/l	89
42) 1,2-Dichloroethane	5.793	62	93761	19.173	ug/l	99
43) Isopropyl Acetate	5.912	43	173857	19.952	ug/l	97
44) Trichloroethene	6.542	130	58511	18.732	ug/l	83
45) 1,2-Dichloropropane	6.790	63	71916	19.753	ug/l	98
46) Dibromomethane	6.919	93	49120	20.236	ug/l	90
47) Bromodichloromethane	7.105	83	90280	19.323	ug/l	100
48) Methyl methacrylate	6.960	41	81154	19.873	ug/l	90
49) 1,4-Dioxane	6.986	88	48167	460.389	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	578824	99.253	ug/l	96
52) Toluene	7.967	92	153773	19.690	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	89960	17.950	ug/l	100
54) cis-1,3-Dichloropropene	7.607	75	98744	18.453	ug/l	97
55) 1,1,2-Trichloroethane	8.398	97	67464	20.894	ug/l	98
56) Ethyl methacrylate	8.333	69	111397	20.627	ug/l	92
57) 1,3-Dichloropropane	8.574	76	117632	20.537	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	42142	107.592	ug/l	96
59) 2-Hexanone	8.684	43	446142	97.282	ug/l	97
60) Dibromochloromethane	8.809	129	67444	20.086	ug/l	100
61) 1,2-Dibromoethane	8.922	107	71922	20.440	ug/l	99
64) Tetrachloroethene	8.552	164	46194	18.604	ug/l	93
65) Chlorobenzene	9.446	112	158311	20.004	ug/l	96
66) 1,1,1,2-Tetrachloroethane	9.533	131	61096	20.464	ug/l	98
67) Ethyl Benzene	9.568	91	285186	19.629	ug/l	96
68) m/p-Xylenes	9.693	106	212214	39.476	ug/l	89
69) o-Xylene	10.098	106	108200	20.274	ug/l	89
70) Styrene	10.111	104	175691	20.488	ug/l	96
71) Bromoform	10.288	173	50968	19.905	ug/l #	100
73) Isopropylbenzene	10.481	105	269782	20.852	ug/l	97
74) N-amyl acetate	10.320	43	143065	20.893	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.780	83	115658	21.103	ug/l	98
76) 1,2,3-Trichloropropane	10.822	75	125498	20.384	ug/l	98
77) Bromobenzene	10.780	156	68534	21.701	ug/l	85
78) n-propylbenzene	10.902	91	309307	19.675	ug/l	96
79) 2-Chlorotoluene	10.983	91	199960	20.645	ug/l	93
80) 1,3,5-Trimethylbenzene	11.086	105	230796	20.433	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.545	75	26125	15.670	ug/l	92
82) 4-Chlorotoluene	11.095	91	224313	20.591	ug/l	92
83) tert-Butylbenzene	11.420	119	228119	20.534	ug/l	94
84) 1,2,4-Trimethylbenzene	11.465	105	229835	20.713	ug/l	96
85) sec-Butylbenzene	11.642	105	267018	19.117	ug/l	96
86) p-Isopropyltoluene	11.793	119	214879	19.023	ug/l	97
87) 1,3-Dichlorobenzene	11.745	146	120128	19.897	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	119583	19.706	ug/l	96
89) n-Butylbenzene	12.208	91	175224	16.758	ug/l	98
90) Hexachloroethane	12.475	117	39565	17.585	ug/l	87
91) 1,2-Dichlorobenzene	12.211	146	126523	20.856	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.995	75	27871	19.833	ug/l	82
93) 1,2,4-Trichlorobenzene	13.838	180	73955	19.282	ug/l	97
94) Hexachlorobutadiene	14.018	225	29383	15.614	ug/l	99
95) Naphthalene	14.085	128	277183	20.553	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	79176	19.649	ug/l	97

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

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