

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049416.D
 Acq On : 27 Jun 2022 20:16
 Operator : SY/MD
 Sample : VU0627MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS01

Quant Time: Jun 28 05:27:52 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	205378	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	392210	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	365604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	171982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	172656	54.587	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.180%
35) Dibromofluoromethane	5.289	113	134946	49.179	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.360%
50) Toluene-d8	7.896	98	476758	48.713	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.420%
62) 4-Bromofluorobenzene	10.632	95	186503	49.746	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.500%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	47281	14.326	ug/l	100
3) Chloromethane	1.520	50	69003	16.564	ug/l	100
4) Vinyl Chloride	1.604	62	56792	17.092	ug/l	100
5) Bromomethane	1.842	94	25226	24.416	ug/l	100
6) Chloroethane	1.922	64	34728	23.704	ug/l	99
7) Trichlorofluoromethane	2.131	101	66549	15.716	ug/l	98
8) Diethyl Ether	2.375	74	33232	21.725	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.575	101	37429	16.428	ug/l	95
10) Methyl Iodide	2.720	142	58856	29.850	ug/l	95
11) Tert butyl alcohol	3.186	59	106309	143.599	ug/l	# 42
12) 1,1-Dichloroethene	2.575	96	41544	18.624	ug/l	92
13) Acrolein	2.485	56	43999	87.761	ug/l	99
14) Allyl chloride	2.919	41	88792	19.696	ug/l	# 89
15) Acrylonitrile	3.311	53	200195	112.436	ug/l	99
16) Acetone	2.626	43	161572	101.295	ug/l	97
17) Carbon Disulfide	2.787	76	116474	16.743	ug/l	99
18) Methyl Acetate	2.948	43	89381	20.700	ug/l	93
19) Methyl tert-butyl Ether	3.363	73	185860	22.402	ug/l	96
20) Methylene Chloride	3.041	84	61434	22.732	ug/l	89
21) trans-1,2-Dichloroethene	3.350	96	47242	19.646	ug/l	92
22) Diisopropyl ether	3.993	45	184116	21.390	ug/l	# 77
23) Vinyl Acetate	3.954	43	827167	109.641	ug/l	95
24) 1,1-Dichloroethane	3.867	63	99920	20.209	ug/l	98
25) 2-Butanone	4.703	43	270851	113.307	ug/l	96
26) 2,2-Dichloropropane	4.665	77	71438	17.360	ug/l	100
27) cis-1,2-Dichloroethene	4.665	96	60825	21.893	ug/l	94
28) Bromochloromethane	4.973	49	46187	21.372	ug/l	# 78
29) Tetrahydrofuran	5.051	42	181553	110.713	ug/l	90
30) Chloroform	5.089	83	99350	20.314	ug/l	96
31) Cyclohexane	5.385	56	78004	16.424	ug/l	92
32) 1,1,1-Trichloroethane	5.317	97	80175	18.893	ug/l	100
36) 1,1-Dichloropropene	5.526	75	64325	16.167	ug/l	98
37) Ethyl Acetate	4.803	43	105052	19.322	ug/l	# 93
38) Carbon Tetrachloride	5.523	117	64891	15.551	ug/l	96
39) Methylcyclohexane	6.761	83	67204	14.092	ug/l	90
40) Benzene	5.774	78	222862	18.553	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	54357	19.953	ug/l	89
42) 1,2-Dichloroethane	5.793	62	84584	18.919	ug/l	99
43) Isopropyl Acetate	5.912	43	156782	19.680	ug/l	97
44) Trichloroethene	6.543	130	49561	17.356	ug/l	91
45) 1,2-Dichloropropane	6.790	63	61941	18.609	ug/l	99
46) Dibromomethane	6.919	93	42322	19.071	ug/l	90
47) Bromodichloromethane	7.105	83	78647	18.413	ug/l	98
48) Methyl methacrylate	6.961	41	73468	19.679	ug/l	89
49) 1,4-Dioxane	6.970	88	38566	403.206	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	526582	98.766	ug/l	96
52) Toluene	7.967	92	134932	18.899	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	86867	18.960	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	94759	19.370	ug/l	96
55) 1,1,2-Trichloroethane	8.401	97	59039	20.000	ug/l	96
56) Ethyl methacrylate	8.333	69	101881	20.635	ug/l	93
57) 1,3-Dichloropropane	8.575	76	103880	19.838	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.462	63	77166	202.807	ug/l	95
59) 2-Hexanone	8.684	43	408242	97.369	ug/l	97
60) Dibromochloromethane	8.809	129	58393	19.022	ug/l	99
61) 1,2-Dibromoethane	8.922	107	64558	20.068	ug/l	99
64) Tetrachloroethene	8.552	164	36906	15.738	ug/l	90
65) Chlorobenzene	9.446	112	139164	18.619	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.533	131	52552	18.638	ug/l	98
67) Ethyl Benzene	9.568	91	254408	18.541	ug/l	96
68) m/p-Xylenes	9.694	106	186921	36.817	ug/l	89
69) o-Xylene	10.099	106	96568	19.159	ug/l	88
70) Styrene	10.112	104	158637	19.588	ug/l	97
71) Bromoform	10.292	173	43596	18.028	ug/l #	100
73) Isopropylbenzene	10.484	105	234780	19.164	ug/l	97
74) N-amyl acetate	10.320	43	134947	20.812	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.784	83	105863	20.399	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	119328	20.468	ug/l	100
77) Bromobenzene	10.780	156	61053	20.416	ug/l	86
78) n-propylbenzene	10.906	91	274444	18.435	ug/l	97
79) 2-Chlorotoluene	10.986	91	176275	19.219	ug/l	92
80) 1,3,5-Trimethylbenzene	11.086	105	204090	19.082	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.546	75	30293	19.188	ug/l	91
82) 4-Chlorotoluene	11.095	91	196731	19.072	ug/l	93
83) tert-Butylbenzene	11.420	119	197579	18.781	ug/l	95
84) 1,2,4-Trimethylbenzene	11.465	105	210552	20.038	ug/l	94
85) sec-Butylbenzene	11.642	105	231614	17.511	ug/l	96
86) p-Isopropyltoluene	11.793	119	192197	17.969	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	107716	18.841	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	106085	18.461	ug/l	96
89) n-Butylbenzene	12.208	91	168849	17.053	ug/l	98
90) Hexachloroethane	12.475	117	34375	16.135	ug/l	82
91) 1,2-Dichlorobenzene	12.211	146	112179	19.528	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.996	75	29114	21.878	ug/l	80
93) 1,2,4-Trichlorobenzene	13.838	180	74248	20.338	ug/l	97
94) Hexachlorobutadiene	14.021	225	24971	14.013	ug/l	99
95) Naphthalene	14.086	128	319048	24.609	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	80015	20.891	ug/l	96

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

