

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122021\
 Data File : VU046511.D
 Acq On : 20 Dec 2021 15:45
 Operator : SY/MD
 Sample : M5150-23MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBBY0MS

Quant Time: Dec 21 00:15:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 20 00:25:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	132480	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	133403	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	73546	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	41180	37.735	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.460%
7) Chloroethane-d5	1.922	69	30350	36.222	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.440%
11) 1,1-Dichloroethene-d2	2.578	63	72108	36.807	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.620%
21) 2-Butanone-d5	4.642	46	58940	67.940	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	67.940%
24) Chloroform-d	5.067	84	71900	39.453	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.900%
26) 1,2-Dichloroethane-d4	5.703	65	46708	38.190	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.380%
32) Benzene-d6	5.732	84	140131	36.649	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.300%
36) 1,2-Dichloropropane-d6	6.694	67	43307	36.546	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	73.100%
41) Toluene-d8	7.899	98	125275	35.985	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.960%#
43) trans-1,3-Dichloroprop...	8.179	79	22001	38.461	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.920%
47) 2-Hexanone-d5	8.636	63	42328	75.337	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.340%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	64914	36.122	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	72.240%
66) 1,2-Dichlorobenzene-d4	12.195	152	48706	34.388	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	68.780%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	41653	28.899	ug/L	100
3) Chloromethane	1.527	50	35010	27.156	ug/L	98
5) Vinyl chloride	1.610	62	57394	44.153	ug/L	98
6) Bromomethane	1.864	94	21439	29.099	ug/L	98
8) Chloroethane	1.941	64	20266	26.926	ug/L	98
9) Trichlorofluoromethane	2.147	101	49192	28.986	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	26094	27.069	ug/L	99
12) 1,1-Dichloroethene	2.588	96	36750	40.119	ug/L	94
13) Acetone	2.662	43	35177	32.444	ug/L	99
14) Carbon disulfide	2.800	76	76494	26.916	ug/L	98
15) Methyl Acetate	2.961	43	29141	23.056	ug/L	96
16) Methylene chloride	3.054	84	27820	25.526	ug/L	96
17) trans-1,2-Dichloroethene	3.359	96	30834	31.807	ug/L	100
18) Methyl tert-butyl Ether	3.369	73	77071	25.798	ug/L	99
19) 1,1-Dichloroethane	3.877	63	47149	26.750	ug/L	97
20) cis-1,2-Dichloroethene	4.671	96	404473	384.535	ug/L	99
22) 2-Butanone	4.723	43	44216	37.462	ug/L	95
23) Bromochloromethane	4.980	128	14928	28.100	ug/L	91
25) Chloroform	5.092	83	51344	26.218	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	40279	27.717	ug/L	100
29) Cyclohexane	5.395	56	39694	25.553	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	44890	27.413	ug/L	100
31) Carbon tetrachloride	5.530	117	39037	28.080	ug/L	100
33) Benzene	5.777	78	108879	26.966	ug/L	100
34) Trichloroethene	6.549	95	3272169	3076.287	ug/L	96
35) Methylcyclohexane	6.764	83	46770	28.358	ug/L	98
37) 1,2-Dichloropropane	6.793	63	27852	26.333	ug/L	98
38) Bromodichloromethane	7.108	83	36496	25.961	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	42620	26.488	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	72077	46.382	ug/L	99
42) Toluene	7.970	91	113774	26.261	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	41663	26.363	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	27400	25.822	ug/L	98
46) Tetrachloroethene	8.555	164	23059	29.500	ug/L	95
48) 2-Hexanone	8.687	43	58950	42.417	ug/L	98
49) Dibromochloromethane	8.813	129	30016	26.937	ug/L	91
50) 1,2-Dibromoethane	8.925	107	29181	25.365	ug/L	96
51) Chlorobenzene	9.449	112	72125	25.732	ug/L	96
52) Ethylbenzene	9.571	91	118272	25.366	ug/L	99
53) m,p-Xylene	9.694	106	46274	25.448	ug/L	98
54) o-xylene	10.102	106	43766	24.805	ug/L	95
55) Styrene	10.115	104	77110	25.598	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	45483	25.001	ug/L	97
59) Bromoform	10.292	173	21016	24.359	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	38138	23.656	ug/L	99
61) Isopropylbenzene	10.485	105	116591	24.365	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	95980	24.064	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	97873	24.527	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	54567	24.006	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	56724	24.146	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	55577	24.280	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	11396	26.534	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	39613	23.918	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	34057	23.173	ug/L	99
71) Naphthalene	14.086	128	117515	22.978	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	35974	24.003	ug/L	99

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

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