

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122021\
 Data File : VU046512.D
 Acq On : 20 Dec 2021 16:08
 Operator : SY/MD
 Sample : M5150-24MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBBY0MSD

Quant Time: Dec 21 00:16:26 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	82731	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	84761	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48168	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	52533	77.085	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 154.160%#		
7) Chloroethane-d5	1.922	69	38283	73.164	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 146.320%#		
11) 1,1-Dichloroethene-d2	2.575	63	91834	75.064	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 150.120%#		
21) 2-Butanone-d5	4.642	46	78076	144.117	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 144.120%#		
24) Chloroform-d	5.067	84	93746	82.373	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 164.740%#		
26) 1,2-Dichloroethane-d4	5.703	65	61729	80.822	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 161.640%#		
32) Benzene-d6	5.732	84	179410	73.850	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 147.700%#		
36) 1,2-Dichloropropane-d6	6.693	67	54710	72.664	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 145.320%#		
41) Toluene-d8	7.899	98	161690	73.098	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 146.200%#		
43) trans-1,3-Dichloroprop...	8.182	79	27655	76.089	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 152.180%#		
47) 2-Hexanone-d5	8.636	63	57616	161.397	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 161.400%#		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	83662	73.271	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 146.540%#		
66) 1,2-Dichlorobenzene-d4	12.192	152	63322	68.262	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 136.520%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	56523	62.797	ug/L	99
3) Chloromethane	1.526	50	47958	59.569	ug/L	98
5) Vinyl chloride	1.610	62	69973	86.199	ug/L	99
6) Bromomethane	1.864	94	28374	61.670	ug/L	98
8) Chloroethane	1.941	64	27971	59.512	ug/L	98
9) Trichlorofluoromethane	2.147	101	67177	63.386	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	35462	58.909	ug/L	98
12) 1,1-Dichloroethene	2.588	96	46944	82.065	ug/L	93
13) Acetone	2.658	43	45742	67.558	ug/L	99
14) Carbon disulfide	2.800	76	105068	59.201	ug/L	100
15) Methyl Acetate	2.961	43	40299	51.057	ug/L	96
16) Methylene chloride	3.054	84	38542	56.630	ug/L	100
17) trans-1,2-Dichloroethene	3.362	96	40972	67.681	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	107872	57.820	ug/L	99
19) 1,1-Dichloroethane	3.877	63	63888	58.044	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	424359	646.043	ug/L	98
22) 2-Butanone	4.723	43	60994	82.753	ug/L	96
23) Bromochloromethane	4.980	128	20174	60.811	ug/L	90
25) Chloroform	5.092	83	68652	56.137	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	55824	61.514	ug/L	97
29) Cyclohexane	5.394	56	54430	55.148	ug/L	95
30) 1,1,1-Trichloroethane	5.321	97	61793	59.391	ug/L	98
31) Carbon tetrachloride	5.530	117	53857	60.973	ug/L	100
33) Benzene	5.777	78	149050	58.100	ug/L	100
34) Trichloroethene	6.549	95	3327999	4924.292	ug/L	96
35) Methylcyclohexane	6.767	83	63299	60.405	ug/L	99
37) 1,2-Dichloropropane	6.793	63	36902	54.912	ug/L	98
38) Bromodichloromethane	7.108	83	50893	56.977	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	58810	57.525	ug/L	96
40) 4-Methyl-2-pentanone	7.793	43	102285	103.594	ug/L	99
42) Toluene	7.970	91	156652	56.908	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	58312	58.073	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	37305	55.331	ug/L	98
46) Tetrachloroethene	8.555	164	30410	61.230	ug/L	96
48) 2-Hexanone	8.687	43	82733	93.693	ug/L	98
49) Dibromochloromethane	8.812	129	40518	57.229	ug/L	95
50) 1,2-Dibromoethane	8.925	107	40271	55.093	ug/L	99
51) Chlorobenzene	9.449	112	96962	54.446	ug/L	100
52) Ethylbenzene	9.571	91	162347	54.800	ug/L	99
53) m,p-Xylene	9.693	106	65143	56.384	ug/L	96
54) o-xylene	10.102	106	61493	54.852	ug/L	100
55) Styrene	10.115	104	107592	56.214	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	63327	54.786	ug/L	99
59) Bromoform	10.291	173	30466	53.916	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	53149	50.336	ug/L	99
61) Isopropylbenzene	10.484	105	163102	52.043	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	137755	52.735	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	141189	54.023	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	76766	51.566	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	79215	51.487	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	77267	51.540	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	16271	57.845	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	56891	52.448	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	49606	51.535	ug/L	99
71) Naphthalene	14.085	128	179156	53.486	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	52815	53.807	ug/L	100

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

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