

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122021\
 Data File : VU046513.D
 Acq On : 20 Dec 2021 16:30
 Operator : SY/MD
 Sample : M5150-25
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBBY1

Quant Time: Dec 21 00:16:53 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	128723	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	128655	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	65344	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	50148	47.294	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.580%
7) Chloroethane-d5	1.919	69	37994	46.668	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.340%
11) 1,1-Dichloroethene-d2	2.575	63	77708	40.823	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.640%
21) 2-Butanone-d5	4.639	46	74417	88.284	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.280%
24) Chloroform-d	5.067	84	87497	49.413	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.820%
26) 1,2-Dichloroethane-d4	5.703	65	58745	49.434	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.860%
32) Benzene-d6	5.732	84	173254	46.984	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.960%
36) 1,2-Dichloropropane-d6	6.694	67	53310	46.648	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.300%
41) Toluene-d8	7.899	98	152748	45.495	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	8.179	79	26648	48.304	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.600%
47) 2-Hexanone-d5	8.636	63	54892	101.305	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.300%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	77894	44.944	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.880%
66) 1,2-Dichlorobenzene-d4	12.195	152	59046	46.921	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	910	0.650	ug/L	94
5) Vinyl chloride	1.610	62	2117	1.676	ug/L #	56
9) Trichlorofluoromethane	2.144	101	1047	0.635	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	1138	1.215	ug/L #	54
12) 1,1-Dichloroethene	2.588	96	22832	25.653	ug/L #	81
13) Acetone	2.668	43	9605	9.117	ug/L	66
14) Carbon disulfide	2.800	76	2706	0.980	ug/L #	94
17) trans-1,2-Dichloroethene	3.359	96	4169	4.426	ug/L	93
19) 1,1-Dichloroethane	3.874	63	1159	0.677	ug/L #	73
20) cis-1,2-Dichloroethene	4.671	96	349088	341.566	ug/L	99
29) Cyclohexane	5.395	56	2468	1.647	ug/L	91
30) 1,1,1-Trichloroethane	5.321	97	807	0.511	ug/L	96
31) Carbon tetrachloride	5.530	117	674	0.503	ug/L #	49
33) Benzene	5.780	78	3415	0.877	ug/L	100
34) Trichloroethene	6.549	95	3628641	3537.317	ug/L	96
38) Bromodichloromethane	7.108	83	696	0.513	ug/L #	88
42) Toluene	7.973	91	4989	1.194	ug/L	87
45) 1,1,2-Trichloroethane	8.404	97	1221	1.193	ug/L #	81
46) Tetrachloroethene	8.555	164	3652	4.844	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) Chlorobenzene	9.449	112	2181	0.807	ug/L	88
52) Ethylbenzene	9.571	91	2813	0.626	ug/L	94
59) Bromoform	10.295	173	559	0.729	ug/L #	66
64) 1,3-Dichlorobenzene	11.745	146	1911	0.946	ug/L	82
65) 1,4-Dichlorobenzene	11.835	146	2001	0.959	ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	1718	0.845	ug/L #	85

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

