

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121521\
 Data File : VU046405.D
 Acq On : 15 Dec 2021 18:46
 Operator : SY/MD
 Sample : M4997-12DL 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5S4DL

Quant Time: Dec 16 03:12:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 16 02:25:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	151928	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	152523	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	77908	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	64307	51.384	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.760%
7) Chloroethane-d5	1.919	69	45369	47.215	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.440%
11) 1,1-Dichloroethene-d2	2.572	63	82125	36.554	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.100%
21) 2-Butanone-d5	4.636	46	83402	83.831	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.830%
24) Chloroform-d	5.067	84	106018	50.728	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.460%
26) 1,2-Dichloroethane-d4	5.706	65	70548	50.298	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.600%
32) Benzene-d6	5.732	84	212906	48.702	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.694	67	64571	47.660	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.320%
41) Toluene-d8	7.899	98	182337	45.810	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.620%
43) trans-1,3-Dichloroprop...	8.182	79	30839	47.153	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.300%
47) 2-Hexanone-d5	8.636	63	62434	97.193	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.190%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	92804	45.168	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.340%
66) 1,2-Dichlorobenzene-d4	12.195	152	69036	46.013	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.020%

Target Compounds				Qvalue		
5) Vinyl chloride	1.607	62	33584	22.529	ug/L	100
8) Chloroethane	1.941	64	1850	2.143	ug/L	99
12) 1,1-Dichloroethene	2.581	96	1911	1.819	ug/L #	1
17) trans-1,2-Dichloroethene	3.359	96	2430	2.186	ug/L	94
19) 1,1-Dichloroethane	3.877	63	173855	86.011	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	171141	141.877	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	9139	4.881	ug/L	99
34) Trichloroethene	6.546	95	7719	6.347	ug/L	98
42) Toluene	7.970	91	5914	1.194	ug/L	88
46) Tetrachloroethene	8.555	164	1111	1.243	ug/L	94
52) Ethylbenzene	9.574	91	7191	1.349	ug/L	98
53) m,p-Xylene	9.693	106	5300	2.549	ug/L	95
54) o-xylene	10.105	106	6262	3.104	ug/L	91
62) 1,3,5-Trimethylbenzene	11.089	105	6822	1.615	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	34929	8.263	ug/L	100

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

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