

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046224.D
 Acq On : 09 Dec 2021 16:59
 Operator : SY/MD
 Sample : M4983-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5P1

Quant Time: Dec 10 03:45:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	197275	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	206290	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	114059	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	81497	50.150	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.300%
7) Chloroethane-d5	1.919	69	60980	48.874	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.740%
11) 1,1-Dichloroethene-d2	2.575	63	128064	43.899	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.800%
21) 2-Butanone-d5	4.642	46	132308	102.419	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.420%
24) Chloroform-d	5.066	84	124790	45.984	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.960%
26) 1,2-Dichloroethane-d4	5.706	65	89410	49.093	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.180%
32) Benzene-d6	5.732	84	289648	48.988	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.980%
36) 1,2-Dichloropropane-d6	6.693	67	89614	48.904	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.800%
41) Toluene-d8	7.899	98	262093	48.685	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.380%
43) trans-1,3-Dichloroprop...	8.179	79	46559	52.634	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.260%
47) 2-Hexanone-d5	8.635	63	90066	103.665	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.660%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	139830	50.318	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.640%
66) 1,2-Dichlorobenzene-d4	12.195	152	108954	49.602	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	721	0.372	ug/L	# 1
9) Trichlorofluoromethane	2.144	101	6935	2.744	ug/L	99
12) 1,1-Dichloroethene	2.587	96	39434	28.910	ug/L	87
17) trans-1,2-Dichloroethene	3.359	96	27025	18.722	ug/L	98
19) 1,1-Dichloroethane	3.877	63	515414	196.376	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	3629737	2317.392	ug/L	99
25) Chloroform	5.092	83	23339	8.003	ug/L	97
27) 1,2-Dichloroethane	5.800	62	7647	3.534	ug/L	99
30) 1,1,1-Trichloroethane	5.324	97	3827136	1511.375	ug/L	98
33) Benzene	5.777	78	12378	1.983	ug/L	100
34) Trichloroethene	6.546	95	17736	10.783	ug/L	96
42) Toluene	7.973	91	146212	21.824	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	3818	2.327	ug/L	95
46) Tetrachloroethene	8.555	164	21521	17.804	ug/L	95
52) Ethylbenzene	9.571	91	42849	5.943	ug/L	99
53) m,p-Xylene	9.693	106	71582	25.457	ug/L	98
54) o-xylene	10.102	106	42328	15.514	ug/L	95
61) Isopropylbenzene	10.484	105	7055	0.951	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	69266	11.198	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,2,4-Trimethylbenzene	11.468	105	256893	41.510	ug/L	99

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

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