

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082321\
 Data File : VU044497.D
 Acq On : 23 Aug 2021 13:03
 Operator : SY/MD
 Sample : M3515-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4556

Manual Integrations
 APPROVED

SAM
 8/24/2021 11:21:34 AM

Quant Time: Aug 24 03:58:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 24 03:56:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	121251	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	120842	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	54356	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	36909	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	1.919	69	35517	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.571	65	17674	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.80%
20) 2-Butanone-d5	4.642	46	133153m	49.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.20%
24) Chloroform-d	5.073	84	77393	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.710	65	42569	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	5.735	84	155850	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.700	67	51375	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.906	98	132073	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloroprop...	8.185	79	17257	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.645	63	106619	50.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.86%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	42805	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
66) 1,2-Dichlorobenzene-d4	12.198	152	45118	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.395	85	1383	0.11	ug/L	98
3) Chloromethane	1.523	50	2343	0.14	ug/L	95
17) Methyl tert-butyl Ether	3.372	73	6976	0.29	ug/L	96
22) cis-1,2-Dichloroethene	4.678	96	7054	0.68	ug/L	95
25) Chloroform	5.092	83	5002	0.26	ug/L	98
34) Trichloroethene	6.549	95	5744	0.57	ug/L	94
40) 4-Methyl-2-pentanone	7.806	43	5176	0.71	ug/L #	80
47) Tetrachloroethene	8.562	164	11318	1.61	ug/L	96
48) 2-Hexanone	8.693	43	6750	1.30	ug/L #	91
67) 1,2-Dichlorobenzene	12.217	146	1200	0.07	ug/L #	78
70) 1,2,4-trichlorobenzene	13.848	180	1729	0.18	ug/L	99
72) 1,2,3-Trichlorobenzene	14.339	180	1962	0.22	ug/L	90

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

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