Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
Data File : VU042083.D
Acq On : 15 Jan 2021 19:38
Operator : SY/MD
Sample : M1164-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFXP9

Quant Time: Jan 16 01:15:02 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jan 16 01:05:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	110497	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	120048	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	58875	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	36864	4.42	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.40%			
7) Chloroethane-d5	1.919	69	42718	5.41	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.20%			
11) 1,1-Dichloroethene-d2	2.575	63	63517	3.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.60%			
20) 2-Butanone-d5	4.655	46	172494	61.65	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 123.30%			
24) Chloroform-d	5.080	84	87980	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.00%			
26) 1,2-Dichloroethane-d4	5.716	65	50498	5.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.60%			
32) Benzene-d6	5.742	84	156426	4.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.60%			
36) 1,2-Dichloropropane-d6	6.700	67	54980	4.32	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.40%			
41) Toluene-d8	7.903	98	133512	3.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.00%			
43) trans-1,3-Dichloroprop...	8.186	79	21542	4.21	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.20%			
46) 2-Hexanone-d5	8.642	63	137562	52.45	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.90%			
57) 1,1,2,2-Tetrachloroeth...	10.755	84	64559	6.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 133.20%#			
64) 1,2-Dichlorobenzene-d4	12.189	152	55945	5.05	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	85564	8.42	ug/L	99
9) Trichlorofluoromethane	2.144	101	1911	0.12	ug/L	89
12) 1,1-Dichloroethene	2.591	96	8584	0.99	ug/L #	25
13) Acetone	2.658	43	3716	2.12	ug/L	98
17) Methyl tert-butyl Ether	3.382	73	7460	0.33	ug/L	98
18) trans-1,2-Dichloroethene	3.369	96	1999	0.23	ug/L	79
19) 1,1-Dichloroethane	3.887	63	4087	0.24	ug/L	91
22) cis-1,2-Dichloroethene	4.687	96	32686	3.56	ug/L	83
25) Chloroform	5.102	83	3297	0.19	ug/L	96
33) Benzene	5.790	78	2176	0.05	ug/L	100
34) Trichloroethene	6.552	95	588154	52.96	ug/L	99
42) Toluene	7.977	91	3918	0.08	ug/L	92
47) Tetrachloroethene	8.555	164	87433	12.15	ug/L	96
53) m,p-Xylene	9.694	106	1321	0.08	ug/L	88

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

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