Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047361.D
Acq On : 07 Mar 2022 12:46
Operator : SY/MD
Sample : N1773-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY19

Quant Time: Mar 07 13:11:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 04 23:20:39 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.279	114	187289	5.000	ug/L	0.03
28) Chlorobenzene-d5	9.423	117	180621	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	99559	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.607	65	66245	4.983	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.600%			
7) Chloroethane-d5	1.925	69	60284	5.436	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.800%			
11) 1,1-Dichloroethene-d2	2.572	65	29336	5.226	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 104.600%			
20) 2-Butanone-d5	4.726	46	182590	41.840	ug/L	0.08
Spiked Amount 50.000	Range 40 - 130		Recovery = 83.680%			
24) Chloroform-d	5.076	84	124337	5.063	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.200%			
26) 1,2-Dichloroethane-d4	5.726	65	69638	5.052	ug/L	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.000%			
32) Benzene-d6	5.742	84	246395	4.844	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.800%			
36) 1,2-Dichloropropane-d6	6.716	67	81156	5.122	ug/L	0.02
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.400%			
41) Toluene-d8	7.912	98	224955	4.683	ug/L	0.01
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.600%			
43) trans-1,3-Dichloroprop...	8.192	79	34697	4.984	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.600%			
46) 2-Hexanone-d5	8.652	63	188095	47.469	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.940%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	79011	4.895	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.800%			
66) 1,2-Dichlorobenzene-d4	12.195	152	101974	5.227	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.610	62	22592	1.819	ug/L	94
12) 1,1-Dichloroethene	2.584	96	330535	36.006	ug/L #	61
17) Methyl tert-butyl Ether	3.395	73	35253	1.434	ug/L #	92
18) trans-1,2-Dichloroethene	3.353	96	4031	0.404	ug/L	85
19) 1,1-Dichloroethane	3.871	63	76296	4.597	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	527259	48.581	ug/L	94
29) 1,1,1-Trichloroethane	5.324	97	125721	8.289	ug/L	97
34) Trichloroethene	6.565	95	810916	75.689	ug/L	93
42) Toluene	7.983	91	11590	0.262	ug/L	96
47) Tetrachloroethene	8.562	164	775857	85.008	ug/L	92
52) Ethylbenzene	9.575	91	3993	0.084	ug/L	100
53) m,p-Xylene	9.697	106	4621	0.246	ug/L	99
54) o-Xylene	10.102	106	2482	0.137	ug/L	100

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

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