Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101822\
Data File : VV028615.D
Acq On : 18 Oct 2022 15:07
Operator : SY/MD
Sample : N5173-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 19 00:39:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 19 00:35:12 2022
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BFXS7

Manual Integrations APPROVED

Reviewed By :John Carlone 10/19/2022
Supervised By :Mahesh Dadoda 10/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	174891	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	163331	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	73343	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	64080	4.257	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.200%			
7) Chloroethane-d5	1.558	69	61539	4.973	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.400%			
11) 1,1-Dichloroethene-d2	2.095	63	90523	3.321	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.400%			
20) 2-Butanone-d5	3.963	46	157434m	48.655	ug/L	0.07
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.300%			
24) Chloroform-d	4.342	84	109792	4.764	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.200%			
26) 1,2-Dichloroethane-d4	5.031	65	58537	4.873	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.400%			
32) Benzene-d6	5.043	84	217920	4.132	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.600%			
36) 1,2-Dichloropropane-d6	6.066	67	76568	4.499	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.000%			
41) Toluene-d8	7.310	98	177386	4.245	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.000%			
43) trans-1,3-Dichloroprop...	7.622	79	21228	3.692	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.800%			
46) 2-Hexanone-d5	8.092	63	119757	48.259	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.520%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	49056	4.840	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.800%			
66) 1,2-Dichlorobenzene-d4	11.616	152	60057	4.962	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	49854	5.047	ug/L	99
3) Chloromethane	1.236	50	9692	0.586	ug/L	91
9) Trichlorofluoromethane	1.741	101	6196	0.315	ug/L	85
12) 1,1-Dichloroethene	2.108	96	5099	0.469	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	18172	0.658	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	8753	0.772	ug/L	91
19) 1,1-Dichloroethane	3.188	63	4068	0.159	ug/L #	88
22) cis-1,2-Dichloroethene	3.905	96	32581	2.541	ug/L #	91
25) Chloroform	4.368	83	9727	0.402	ug/L	94
34) Trichloroethene	5.905	95	574167	41.655	ug/L	98
47) Tetrachloroethene	7.969	164	469285	52.307	ug/L	99

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

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