Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091523\
Data File : VU055358.D
Acq On : 15 Sep 2023 23:05
Operator : MD/SY
Sample : 04380-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH4L3

Quant Time: Sep 16 00:46:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 16 00:42:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	163516	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	172180	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	77764	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	22540	2.398	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 48.000%			
7) Chloroethane-d5	1.911	69	40818	3.848	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.000%			
11) 1,1-Dichloroethene-d2	2.563	65	11823	3.478	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.600%			
20) 2-Butanone-d5	4.631	46	152305	58.603	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.200%			
24) Chloroform-d	5.062	84	97314	4.636	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.800%			
26) 1,2-Dichloroethane-d4	5.698	65	51958	4.906	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.200%			
32) Benzene-d6	5.724	84	164592	4.560	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.200%			
36) 1,2-Dichloropropane-d6	6.689	67	62416	5.075	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.600%			
41) Toluene-d8	7.898	98	132212	4.249	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.000%			
43) trans-1,3-Dichloroprop...	8.177	79	12932	2.963	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 59.200%			
46) 2-Hexanone-d5	8.634	63	80000	50.389	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.780%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	53437	4.997	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.000%			
66) 1,2-Dichlorobenzene-d4	12.190	152	51431	5.136	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.800%			
Target Compounds						Qvalue
3) Chloromethane	1.515	50	4691	0.312	ug/L	84
5) Vinyl chloride	1.602	62	17942	1.107	ug/L	99
9) Trichlorofluoromethane	2.136	101	30741	1.185	ug/L	99
16) Methylene chloride	3.042	84	5119	0.299	ug/L	95
17) Methyl tert-butyl Ether	3.358	73	21687	0.787	ug/L	96
18) trans-1,2-Dichloroethene	3.351	96	1908	0.151	ug/L	97
19) 1,1-Dichloroethane	3.872	63	5394	0.219	ug/L	92
22) cis-1,2-Dichloroethene	4.663	96	57783	3.903	ug/L	99
25) Chloroform	5.087	83	10771	0.405	ug/L	92
34) Trichloroethene	6.537	95	110229	6.796	ug/L	97
45) 1,1,2-Trichloroethane	8.402	97	1334	0.129	ug/L	88
47) Tetrachloroethene	8.550	164	24893	2.239	ug/L	94

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

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