Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092023\
Data File : VU055419.D
Acq On : 20 Sep 2023 12:43
Operator : MD/SY
Sample : 04398-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH4P5

Quant Time: Sep 21 00:28:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 21 00:26:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	235788	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	241505	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	117466	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	113589	4.766	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.400%			
7) Chloroethane-d5	1.911	69	100464	4.784	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.600%			
11) 1,1-Dichloroethene-d2	2.563	65	49065	5.002	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.000%			
20) 2-Butanone-d5	4.627	46	240089	55.777	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.560%			
24) Chloroform-d	5.058	84	222172	5.154	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.000%			
26) 1,2-Dichloroethane-d4	5.698	65	112781	5.439	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.800%			
32) Benzene-d6	5.724	84	449748	5.324	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.400%			
36) 1,2-Dichloropropane-d6	6.685	67	137664	5.454	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.000%			
41) Toluene-d8	7.894	98	395313	5.134	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.600%			
43) trans-1,3-Dichloroprop...	8.177	79	45904	5.183	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.600%			
46) 2-Hexanone-d5	8.631	63	125656	46.641	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.280%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	99155	5.242	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.800%			
66) 1,2-Dichlorobenzene-d4	12.190	152	134136	5.658	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 113.200%			
Target Compounds						Qvalue
3) Chloromethane	1.515	50	4207	0.208	ug/L	97
5) Vinyl chloride	1.602	62	187038	8.585	ug/L	97
12) 1,1-Dichloroethene	2.576	96	88867	5.391	ug/L	92
17) Methyl tert-butyl Ether	3.364	73	18926	0.529	ug/L	95
18) trans-1,2-Dichloroethene	3.348	96	5652	0.340	ug/L	99
19) 1,1-Dichloroethane	3.869	63	47944	1.560	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	1849528	96.006	ug/L	99
27) 1,2-Dichloroethane	5.795	62	9100	0.456	ug/L #	83
34) Trichloroethene	6.537	95	1709979	86.969	ug/L	97
47) Tetrachloroethene	8.553	164	20071	1.423	ug/L	97
51) Chlorobenzene	9.444	112	7764	0.163	ug/L	92
65) 1,4-Dichlorobenzene	11.833	146	9543	0.295	ug/L	99

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

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