Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
Data File : VU055070.D
Acq On : 02 Sep 2023 03:33
Operator : MD/SY
Sample : 04250-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH4A6

Quant Time: Sep 02 04:12:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 02 00:23:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	182731	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	181663	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	97308	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42495	4.962	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.200%			
7) Chloroethane-d5	1.911	69	48580	4.900	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.000%			
11) 1,1-Dichloroethene-d2	2.563	65	24665	5.055	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.000%			
20) 2-Butanone-d5	4.628	46	135404	54.482	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.960%			
24) Chloroform-d	5.059	84	117801	5.184	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.600%			
26) 1,2-Dichloroethane-d4	5.698	65	58797	5.171	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.400%			
32) Benzene-d6	5.724	84	231755	5.168	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.400%			
36) 1,2-Dichloropropane-d6	6.689	67	74387	5.216	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.400%			
41) Toluene-d8	7.894	98	207817	5.031	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.600%			
43) trans-1,3-Dichloroprop...	8.181	79	18023	4.589	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.800%			
46) 2-Hexanone-d5	8.631	63	78383	49.156	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.320%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	51314	5.116	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.400%			
66) 1,2-Dichlorobenzene-d4	12.190	152	73385	5.167	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	1832	0.173	ug/L	91
5) Vinyl chloride	1.602	62	13058	1.145	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.580	101	2428	0.252	ug/L #	74
12) 1,1-Dichloroethene	2.576	96	118951	14.080	ug/L #	81
17) Methyl tert-butyl Ether	3.361	73	57534	2.597	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	7946	0.927	ug/L	89
19) 1,1-Dichloroethane	3.866	63	60987	3.292	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	3514952	335.015	ug/L	97
25) Chloroform	5.084	83	40753	2.112	ug/L	100
27) 1,2-Dichloroethane	5.792	62	13897	1.180	ug/L	98
29) 1,1,1-Trichloroethane	5.316	97	12647	0.805	ug/L #	76
33) Benzene	5.776	78	4898	0.127	ug/L	100
34) Trichloroethene	6.538	95	3108647	289.305	ug/L	97
45) 1,1,2-Trichloroethane	8.399	97	706	0.100	ug/L	84
47) Tetrachloroethene	8.550	164	22123	2.979	ug/L	99
51) Chlorobenzene	9.444	112	6189	0.227	ug/L #	66
64) 1,3-Dichlorobenzene	11.750	146	4727	0.217	ug/L	83
65) 1,4-Dichlorobenzene	11.836	146	11044	0.509	ug/L	93
70) 1,2,4-trichlorobenzene	13.840	180	24116	1.562	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 1,2,3-Trichlorobenzene	14.328	180	15000	1.120	ug/L	97

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

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