Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071323\
Data File : VU054785.D
Acq On : 13 Jul 2023 10:41
Operator : MD/SY
Sample : 03573-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2023-06

Manual Integrations APPROVED

Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

Quant Time: Jul 14 07:56:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR070723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 14 07:53:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	232453	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	223993	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	110426	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	75712	4.316	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.400%			
7) Chloroethane-d5	1.908	69	66518	4.532	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.600%			
11) 1,1-Dichloroethene-d2	2.564	65	32357	4.516	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.400%			
20) 2-Butanone-d5	4.625	46	188573	47.305	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.620%			
24) Chloroform-d	5.059	84	149104	4.771	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.400%			
26) 1,2-Dichloroethane-d4	5.698	65	78347	4.795	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.000%			
32) Benzene-d6	5.724	84	285881	4.808	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.200%			
36) 1,2-Dichloropropane-d6	6.689	67	93349	4.950	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.000%			
41) Toluene-d8	7.895	98	259562	4.684	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.600%			
43) trans-1,3-Dichloroprop...	8.177	79	35034	4.617	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.400%			
46) 2-Hexanone-d5	8.631	63	137782	47.392	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.780%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	70946	4.669	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.400%			
66) 1,2-Dichlorobenzene-d4	12.190	152	93769	4.874	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.384	85	3232	0.179	ug/L	98
3) Chloromethane	1.519	50	5364	0.266	ug/L	92
5) Vinyl chloride	1.602	62	3722	0.190	ug/L #	77
6) Bromomethane	1.853	94	2926	0.246	ug/L	85
8) Chloroethane	1.930	64	2406	0.215	ug/L #	75
9) Trichlorofluoromethane	2.133	101	4674	0.183	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	3404	0.267	ug/L #	80
12) 1,1-Dichloroethene	2.573	96	2947	0.248	ug/L #	1
14) Carbon disulfide	2.789	76	8196	0.205	ug/L #	91
15) Methyl Acetate	2.959	43	1392	0.270	ug/L #	51
17) Methyl tert-butyl Ether	3.364	73	5318	0.190	ug/L	93
18) trans-1,2-Dichloroethene	3.355	96	2367	0.193	ug/L	96
19) 1,1-Dichloroethane	3.869	63	4763	0.201	ug/L #	93
21) 2-Butanone	4.727	43	11984m	3.820	ug/L	
22) cis-1,2-Dichloroethene	4.663	96	2587	0.194	ug/L	93
23) Bromochloromethane	4.975	128	1110	0.187	ug/L #	81
27) 1,2-Dichloroethane	5.792	62	3129	0.195	ug/L #	74
29) 1,1,1-Trichloroethane	5.309	97	3758	0.174	ug/L	88
31) Carbon tetrachloride	5.525	117	3463	0.179	ug/L	95

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33) Benzene	5.776	78	10278	0.204	ug/L		100
37) 1,2-Dichloropropane	6.785	63	2733	0.207	ug/L	#	95
38) Bromodichloromethane	7.104	83	3390	0.199	ug/L	#	80
39) cis-1,3-Dichloropropene	7.608	75	3692	0.187	ug/L		95
40) 4-Methyl-2-pentanone	7.792	43	13365	1.802	ug/L	#	84
42) Toluene	7.965	91	10484	0.196	ug/L		96
44) trans-1,3-Dichloropropene	8.210	75	3025	0.177	ug/L		84
45) 1,1,2-Trichloroethane	8.396	97	1784	0.188	ug/L	#	78
47) Tetrachloroethene	8.554	164	2610	0.228	ug/L		88
48) 2-Hexanone	8.685	43	20813	3.897	ug/L	#	91
49) Dibromochloromethane	8.811	129	2019	0.183	ug/L		83
50) 1,2-Dibromoethane	8.927	107	1550	0.171	ug/L	#	85
51) Chlorobenzene	9.444	112	6649	0.194	ug/L	#	80
52) Ethylbenzene	9.566	91	10802	0.189	ug/L		98
53) m,p-Xylene	9.698	106	3607	0.165	ug/L		95
54) o-Xylene	10.100	106	3515	0.172	ug/L		81
55) Styrene	10.120	104	5766	0.167	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.782	83	2261	0.196	ug/L	#	99
59) Bromoform	10.287	173	1240	0.192	ug/L	#	92
60) Isopropylbenzene	10.486	105	9648	0.188	ug/L		98
61) 1,2,3-Trichloropropane	10.824	75	1693	0.210	ug/L	#	86
62) 1,3,5-Trimethylbenzene	11.084	105	7290	0.171	ug/L		93
63) 1,2,4-Trimethylbenzene	11.467	105	7318	0.180	ug/L		97
64) 1,3-Dichlorobenzene	11.746	146	5204	0.202	ug/L		97
65) 1,4-Dichlorobenzene	11.833	146	5501	0.214	ug/L		99
67) 1,2-Dichlorobenzene	12.209	146	5178	0.218	ug/L		93
69) 1,3,5-Trichlorobenzene	13.222	180	3959	0.205	ug/L	#	93

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

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