Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122923\
Data File : VU057371.D
Acq On : 29 Dec 2023 15:08
Operator : MD/SY
Sample : 04696-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 29 23:33:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 29 23:01:57 2023
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT4-2023-07

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt

01/01/2024
Supervised By :Mahesh Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	141467	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	136802	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	60326	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32069	2.637	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 52.800%			
7) Chloroethane-d5	1.914	69	35373	3.621	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 72.400%			
11) 1,1-Dichloroethene-d2	2.563	65	18003	3.719	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.400%			
20) 2-Butanone-d5	4.637	46	96008	34.855	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 69.700%			
24) Chloroform-d	5.055	84	102216	4.726	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.600%			
26) 1,2-Dichloroethane-d4	5.695	65	60016	5.430	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.600%			
32) Benzene-d6	5.724	84	181202	4.646	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.000%			
36) 1,2-Dichloropropane-d6	6.685	67	48924	4.004	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 80.000%			
41) Toluene-d8	7.894	98	142783	4.244	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.800%			
43) trans-1,3-Dichloroprop...	8.177	79	22903	4.671	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.400%			
46) 2-Hexanone-d5	8.631	63	81797	36.834	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 73.660%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	41286	4.023	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 80.400%			
66) 1,2-Dichlorobenzene-d4	12.190	152	61223	5.573	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	2398	0.234	ug/L	93
3) Chloromethane	1.515	50	1787	0.157	ug/L	98
5) Vinyl chloride	1.602	62	2185	0.185	ug/L	96
6) Bromomethane	1.856	94	1644	0.295	ug/L #	68
8) Chloroethane	1.930	64	1303	0.170	ug/L	89
9) Trichlorofluoromethane	2.136	101	4202	0.247	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	2693	0.262	ug/L #	89
12) 1,1-Dichloroethene	2.573	96	2404	0.260	ug/L #	1
14) Carbon disulfide	2.792	76	5249	0.199	ug/L	100
17) Methyl tert-butyl Ether	3.367	73	4133	0.177	ug/L #	87
18) trans-1,2-Dichloroethene	3.351	96	1894	0.206	ug/L	83
19) 1,1-Dichloroethane	3.866	63	3365	0.175	ug/L #	74
21) 2-Butanone	4.740	43	4331m	1.689	ug/L	
22) cis-1,2-Dichloroethene	4.666	96	2265	0.214	ug/L #	70
23) Bromochloromethane	4.978	128	893	0.188	ug/L #	70
27) 1,2-Dichloroethane	5.801	62	3160	0.248	ug/L #	76
29) 1,1,1-Trichloroethane	5.309	97	3903	0.225	ug/L	93
30) Cyclohexane	5.377	56	2474	0.191	ug/L #	86
31) Carbon tetrachloride	5.531	117	3471	0.239	ug/L	96

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33) Benzene	5.772	78	7646	0.194	ug/L		100
37) 1,2-Dichloropropane	6.785	63	2115	0.193	ug/L	#	89
38) Bromodichloromethane	7.100	83	2973	0.210	ug/L	#	80
39) cis-1,3-Dichloropropene	7.602	75	3202	0.214	ug/L		89
40) 4-Methyl-2-pentanone	7.791	43	8804	1.576	ug/L	#	88
42) Toluene	7.968	91	10254	0.242	ug/L		95
44) trans-1,3-Dichloropropene	8.209	75	2913m	0.223	ug/L		
45) 1,1,2-Trichloroethane	8.399	97	1644	0.206	ug/L	#	83
47) Tetrachloroethene	8.553	164	1839	0.248	ug/L	#	78
48) 2-Hexanone	8.679	43	11560	2.806	ug/L		90
49) Dibromochloromethane	8.804	129	2081	0.229	ug/L		89
50) 1,2-Dibromoethane	8.923	107	1261	0.176	ug/L	#	85
51) Chlorobenzene	9.444	112	5569	0.216	ug/L		94
52) Ethylbenzene	9.569	91	8733	0.206	ug/L		91
53) m,p-Xylene	9.695	106	3240	0.201	ug/L		97
54) o-Xylene	10.100	106	3133	0.204	ug/L		94
55) Styrene	10.116	104	4977	0.193	ug/L		94
57) 1,1,2,2-Tetrachloroethane	10.775	83	1708	0.173	ug/L	#	92
59) Bromoform	10.286	173	1274	0.270	ug/L	#	71
60) Isopropylbenzene	10.483	105	8110	0.219	ug/L		93
61) 1,2,3-Trichloropropane	10.814	75	1419	0.225	ug/L		91
62) 1,3,5-Trimethylbenzene	11.081	105	6849	0.237	ug/L		94
63) 1,2,4-Trimethylbenzene	11.467	105	7875	0.274	ug/L		90
64) 1,3-Dichlorobenzene	11.743	146	4948	0.278	ug/L		88
65) 1,4-Dichlorobenzene	11.830	146	5846	0.323	ug/L		96
67) 1,2-Dichlorobenzene	12.209	146	6318	0.370	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.994	75	383	0.277	ug/L	#	84
69) 1,3,5-Trichlorobenzene	13.219	180	5773	0.453	ug/L		94
70) 1,2,4-trichlorobenzene	13.839	180	5209	0.516	ug/L		90
71) Naphthalene	14.090	128	8901	0.564	ug/L		99
72) 1,2,3-Trichlorobenzene	14.328	180	5000	0.568	ug/L		97

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

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