Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042023\
Data File : VU053798.D
Acq On : 20 Apr 2023 11:59
Operator : JC/MD
Sample : 02215-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 21 04:19:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 19 04:58:28 2023
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-04

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	131601	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	125809	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	61449	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44701	4.938	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	98.800%		
7) Chloroethane-d5	1.912	69	36367	4.426	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	88.600%		
11) 1,1-Dichloroethene-d2	2.565	65	17137	4.444	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	88.800%		
20) 2-Butanone-d5	4.626	46	75454	36.381	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	72.760%		
24) Chloroform-d	5.060	84	75969	4.526	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	90.600%		
26) 1,2-Dichloroethane-d4	5.700	65	36348	4.226	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	84.600%		
32) Benzene-d6	5.722	84	154660	4.338	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	86.800%		
36) 1,2-Dichloropropane-d6	6.687	67	46954	4.322	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	86.400%		
41) Toluene-d8	7.896	98	137515	4.088	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	81.800%		
43) trans-1,3-Dichloroprop...	8.176	79	16529	3.965	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	79.200%		
46) 2-Hexanone-d5	8.629	63	61045	36.048	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	72.100%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	34376	3.801	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	76.000%		
66) 1,2-Dichlorobenzene-d4	12.188	152	48599	4.396	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	88.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	1566	0.166	ug/L	98
3) Chloromethane	1.520	50	1915	0.202	ug/L	88
5) Vinyl chloride	1.600	62	1878	0.175	ug/L #	31
6) Bromomethane	1.858	94	1348	0.199	ug/L	77
8) Chloroethane	1.935	64	1392	0.224	ug/L	89
9) Trichlorofluoromethane	2.137	101	2631	0.163	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	2067	0.252	ug/L #	72
12) 1,1-Dichloroethene	2.575	96	1681	0.226	ug/L #	1
14) Carbon disulfide	2.787	76	3169	0.145	ug/L	99
17) Methyl tert-butyl Ether	3.362	73	2764	0.153	ug/L #	92
18) trans-1,2-Dichloroethene	3.356	96	1251	0.162	ug/L	84
19) 1,1-Dichloroethane	3.861	63	2483	0.174	ug/L	87
22) cis-1,2-Dichloroethene	4.655	96	1201	0.115	ug/L #	77
23) Bromochloromethane	4.983	128	499	0.135	ug/L #	61
27) 1,2-Dichloroethane	5.793	62	1617	0.176	ug/L #	77
29) 1,1,1-Trichloroethane	5.314	97	2413	0.194	ug/L #	59
33) Benzene	5.771	78	5894	0.175	ug/L	100
37) 1,2-Dichloropropane	6.790	63	1384	0.155	ug/L #	97
38) Bromodichloromethane	7.102	83	1689	0.171	ug/L #	77

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) cis-1,3-Dichloropropene	7.610	75	1915	0.146	ug/L		100
40) 4-Methyl-2-pentanone	7.793	43	6151	1.412	ug/L	#	59
45) 1,1,2-Trichloroethane	8.401	97	976	0.154	ug/L	#	85
47) Tetrachloroethene	8.552	164	1047	0.159	ug/L		91
48) 2-Hexanone	8.684	43	7283	2.261	ug/L	#	85
49) Dibromochloromethane	8.806	129	1059	0.169	ug/L		87
50) 1,2-Dibromoethane	8.922	107	1022	0.167	ug/L	#	86
51) Chlorobenzene	9.446	112	4314	0.186	ug/L	#	86
52) Ethylbenzene	9.568	91	5924	0.148	ug/L		99
53) m,p-Xylene	9.697	106	2094	0.137	ug/L		92
54) o-Xylene	10.099	106	2037	0.140	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.774	83	1216	0.152	ug/L	#	94
60) Isopropylbenzene	10.481	105	5343	0.143	ug/L		99
62) 1,3,5-Trimethylbenzene	11.089	105	4443	0.147	ug/L		100
63) 1,2,4-Trimethylbenzene	11.465	105	4083	0.132	ug/L		95
64) 1,3-Dichlorobenzene	11.748	146	3264	0.199	ug/L		89
65) 1,4-Dichlorobenzene	11.828	146	3564	0.216	ug/L	#	82
67) 1,2-Dichlorobenzene	12.208	146	2693	0.173	ug/L	#	84
69) 1,3,5-Trichlorobenzene	13.221	180	2078	0.181	ug/L		93

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

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