Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
Data File : VU057183.D
Acq On : 22 Dec 2023 11:21
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 60 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005104

Quant Time: Dec 22 13:03:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 22 01:33:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	166360	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158382	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	82036	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	82664	5.199	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.000%			
7) Chloroethane-d5	1.914	69	63720	4.868	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.400%			
11) 1,1-Dichloroethene-d2	2.563	65	33290	4.832	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.600%			
20) 2-Butanone-d5	4.624	46	136703	54.757	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.520%			
24) Chloroform-d	5.055	84	156688	5.103	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.000%			
26) 1,2-Dichloroethane-d4	5.695	65	71599	4.892	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.800%			
32) Benzene-d6	5.721	84	276388	5.088	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.800%			
36) 1,2-Dichloropropane-d6	6.682	67	80850	5.230	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.600%			
41) Toluene-d8	7.891	98	254685	5.135	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.800%			
43) trans-1,3-Dichloroprop...	8.171	79	31992	4.972	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.400%			
46) 2-Hexanone-d5	8.628	63	121545	55.475	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.960%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	60846	5.531	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.600%			
66) 1,2-Dichlorobenzene-d4	12.187	152	85850	4.863	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	79020	5.080	ug/L	99
3) Chloromethane	1.518	50	73473	5.389	ug/L	100
5) Vinyl chloride	1.602	62	79053	5.436	ug/L	99
6) Bromomethane	1.856	94	36663	5.765	ug/L	96
8) Chloroethane	1.933	64	46350	5.020	ug/L	96
9) Trichlorofluoromethane	2.136	101	129523	4.847	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	69166	4.999	ug/L	97
12) 1,1-Dichloroethene	2.580	96	60163	4.837	ug/L	87
13) Acetone	2.641	43	75864	50.541	ug/L	96
14) Carbon disulfide	2.789	76	168496	4.306	ug/L	98
15) Methyl Acetate	2.953	43	19699	5.565	ug/L	99
16) Methylene chloride	3.039	84	85869	5.939	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	133722	5.063	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	59761	4.928	ug/L	97
19) 1,1-Dichloroethane	3.862	63	119436	4.962	ug/L	99
21) 2-Butanone	4.705	43	112221	49.056	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	68327	5.115	ug/L	98
23) Bromochloromethane	4.968	128	29357	5.072	ug/L	95
25) Chloroform	5.081	83	134963	4.971	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.785	62	79541	4.966	ug/L		99
29) 1,1,1-Trichloroethane	5.309	97	124342	4.940	ug/L		98
30) Cyclohexane	5.383	56	84233	4.950	ug/L		100
31) Carbon tetrachloride	5.518	117	107055	4.835	ug/L		98
33) Benzene	5.769	78	259021	5.159	ug/L		100
34) Trichloroethene	6.534	95	71943	4.900	ug/L		97
35) Methylcyclohexane	6.756	83	92482	4.785	ug/L		99
37) 1,2-Dichloropropane	6.785	63	64579	5.171	ug/L		100
38) Bromodichloromethane	7.097	83	91975	5.090	ug/L		99
39) cis-1,3-Dichloropropene	7.602	75	94163	5.012	ug/L		97
40) 4-Methyl-2-pentanone	7.785	43	291353	53.662	ug/L		100
42) Toluene	7.965	91	279210	5.247	ug/L		99
44) trans-1,3-Dichloropropene	8.203	75	78244	4.880	ug/L		97
45) 1,1,2-Trichloroethane	8.393	97	46813	5.433	ug/L		98
47) Tetrachloroethene	8.547	164	53505	5.085	ug/L		96
48) 2-Hexanone	8.679	43	210640	52.731	ug/L		99
49) Dibromochloromethane	8.801	129	56428	5.052	ug/L		100
50) 1,2-Dibromoethane	8.917	107	44645	5.519	ug/L		93
51) Chlorobenzene	9.441	112	185591	5.359	ug/L		97
52) Ethylbenzene	9.563	91	304832	5.084	ug/L		98
53) m,p-Xylene	9.689	106	115068	5.246	ug/L		97
54) o-Xylene	10.094	106	110938	5.242	ug/L		95
55) Styrene	10.110	104	191179	5.477	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.775	83	54182	5.215	ug/L	#	98
59) Bromoform	10.283	173	33075	5.254	ug/L		98
60) Isopropylbenzene	10.480	105	306770	5.072	ug/L		99
61) 1,2,3-Trichloropropane	10.814	75	39383	5.152	ug/L		98
62) 1,3,5-Trimethylbenzene	11.081	105	247979	5.003	ug/L		99
63) 1,2,4-Trimethylbenzene	11.460	105	248683	5.085	ug/L		99
64) 1,3-Dichlorobenzene	11.740	146	147463	5.158	ug/L		99
65) 1,4-Dichlorobenzene	11.830	146	140695	4.889	ug/L		98
67) 1,2-Dichlorobenzene	12.206	146	128919	5.042	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.991	75	8671	5.001	ug/L		92
69) 1,3,5-Trichlorobenzene	13.213	180	104511	4.914	ug/L		100
70) 1,2,4-trichlorobenzene	13.833	180	77189	4.635	ug/L		100
71) Naphthalene	14.081	128	99260	4.712	ug/L		99
72) 1,2,3-Trichlorobenzene	14.322	180	61727	4.752	ug/L		99

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

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