Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049338.D
Acq On : 21 Jun 2022 19:53
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005123

Quant Time: Jun 22 01:51:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jun 22 01:47:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	155773	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	143109	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	74288	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	46169	3.392	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 67.800%			
7) Chloroethane-d5	1.912	69	35838	3.889	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.800%			
11) 1,1-Dichloroethene-d2	2.565	65	17710	3.235	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.600%			
20) 2-Butanone-d5	4.632	46	198912	54.732	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.460%			
24) Chloroform-d	5.063	84	95961	4.493	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.800%			
26) 1,2-Dichloroethane-d4	5.703	65	52821	4.509	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.200%			
32) Benzene-d6	5.729	84	171942	3.988	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.800%			
36) 1,2-Dichloropropane-d6	6.690	67	62084	4.243	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.800%			
41) Toluene-d8	7.896	98	150441	3.875	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.600%			
43) trans-1,3-Dichloroprop...	8.179	79	22704	3.493	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 69.800%			
46) 2-Hexanone-d5	8.632	63	141555	53.981	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.960%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	56433	4.817	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.400%			
66) 1,2-Dichlorobenzene-d4	12.192	152	62152	4.360	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	64799	4.873	ug/L	98
3) Chloromethane	1.520	50	64411	4.412	ug/L	99
5) Vinyl chloride	1.604	62	66761	5.098	ug/L	86
6) Bromomethane	1.858	94	25100	3.483	ug/L	97
8) Chloroethane	1.935	64	36154	4.769	ug/L	97
9) Trichlorofluoromethane	2.137	101	82658	5.439	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	46284	5.144	ug/L	98
12) 1,1-Dichloroethene	2.578	96	42776	4.884	ug/L	95
13) Acetone	2.649	43	102935	57.228	ug/L	99
14) Carbon disulfide	2.793	76	136311	4.711	ug/L	99
15) Methyl Acetate	2.957	43	26456	5.500	ug/L	98
16) Methylene chloride	3.044	84	72198	6.265	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	128851	4.864	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	47686	4.914	ug/L	97
19) 1,1-Dichloroethane	3.870	63	96294	5.032	ug/L	97
21) 2-Butanone	4.713	43	183524	53.509	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	54769	5.046	ug/L	95
23) Bromochloromethane	4.973	128	23839	5.131	ug/L	97
25) Chloroform	5.089	83	96524	5.025	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.793	62	62868	4.970	ug/L		97
29) 1,1,1-Trichloroethane	5.314	97	82798	4.841	ug/L		99
30) Cyclohexane	5.388	56	90205	4.640	ug/L		96
31) Carbon tetrachloride	5.526	117	70810	4.945	ug/L		95
33) Benzene	5.774	78	212412	4.988	ug/L		100
34) Trichloroethene	6.542	95	54096	4.970	ug/L		98
35) Methylcyclohexane	6.761	83	87259	4.780	ug/L		99
37) 1,2-Dichloropropane	6.790	63	59270	5.065	ug/L		100
38) Bromodichloromethane	7.105	83	70779	4.949	ug/L		98
39) cis-1,3-Dichloropropene	7.607	75	78830	4.432	ug/L		98
40) 4-Methyl-2-pentanone	7.790	43	431697	49.660	ug/L		99
42) Toluene	7.970	91	225133	4.986	ug/L		99
44) trans-1,3-Dichloropropene	8.211	75	68003	4.402	ug/L		99
45) 1,1,2-Trichloroethane	8.401	97	40682	4.988	ug/L		97
47) Tetrachloroethene	8.555	164	38228	5.093	ug/L		96
48) 2-Hexanone	8.684	43	317576	51.182	ug/L		100
49) Dibromochloromethane	8.809	129	45654	4.906	ug/L		100
50) 1,2-Dibromoethane	8.925	107	38822	5.134	ug/L	#	100
51) Chlorobenzene	9.446	112	138240	5.028	ug/L		99
52) Ethylbenzene	9.571	91	244946	4.967	ug/L		99
53) m,p-Xylene	9.693	106	93737	5.114	ug/L		99
54) o-Xylene	10.099	106	87892	4.837	ug/L		99
55) Styrene	10.115	104	150508	4.945	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.780	83	54649	5.062	ug/L		99
59) Bromoform	10.291	173	25971	4.654	ug/L		99
60) Isopropylbenzene	10.484	105	241431	4.771	ug/L		100
61) 1,2,3-Trichloropropane	10.822	75	38593	4.630	ug/L		100
62) 1,3,5-Trimethylbenzene	11.089	105	202448	4.533	ug/L		100
63) 1,2,4-Trimethylbenzene	11.468	105	208087	4.703	ug/L		100
64) 1,3-Dichlorobenzene	11.745	146	107490	4.963	ug/L		96
65) 1,4-Dichlorobenzene	11.835	146	107069	5.003	ug/L		100
67) 1,2-Dichlorobenzene	12.211	146	100333	4.869	ug/L		100
68) 1,2-Dibromo-3-chloropr...	12.996	75	9499	4.182	ug/L		91
69) 1,3,5-Trichlorobenzene	13.217	180	80557	4.961	ug/L		99
70) 1,2,4-trichlorobenzene	13.838	180	68627	5.316	ug/L		100
71) Naphthalene	14.085	128	262386	10.228	ug/L		100
72) 1,2,3-Trichlorobenzene	14.327	180	64888	5.346	ug/L		98

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

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