Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031522\
Data File : VU047583.D
Acq On : 15 Mar 2022 17:30
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005103

Quant Time: Mar 16 06:48:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Mar 16 06:43:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	131075	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	129240	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	72228	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	32175	3.753	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.000%			
7) Chloroethane-d5	1.919	69	33775	4.341	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.800%			
11) 1,1-Dichloroethene-d2	2.571	65	14268	3.549	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.000%			
20) 2-Butanone-d5	4.642	46	137222	55.634	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.260%			
24) Chloroform-d	5.067	84	84974	4.514	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.200%			
26) 1,2-Dichloroethane-d4	5.706	65	47258	4.633	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.600%			
32) Benzene-d6	5.729	84	153323	4.075	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.600%			
36) 1,2-Dichloropropane-d6	6.690	67	51291	4.335	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.800%			
41) Toluene-d8	7.899	98	140358	3.979	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.600%			
43) trans-1,3-Dichloroprop...	8.182	79	21149	4.252	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.000%			
46) 2-Hexanone-d5	8.636	63	126258	48.968	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.940%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	54780	4.636	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.800%			
66) 1,2-Dichlorobenzene-d4	12.192	152	63808	4.228	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 84.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	44234	5.485	ug/L	99
3) Chloromethane	1.523	50	40230	5.086	ug/L	100
5) Vinyl chloride	1.607	62	44203	5.419	ug/L	99
6) Bromomethane	1.861	94	15866	4.134	ug/L	97
8) Chloroethane	1.938	64	29185	5.920	ug/L	99
9) Trichlorofluoromethane	2.144	101	63481	5.936	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	38290	5.672	ug/L	97
12) 1,1-Dichloroethene	2.584	96	35860	5.492	ug/L	82
13) Acetone	2.658	43	60820	63.242	ug/L	93
14) Carbon disulfide	2.800	76	101289	5.156	ug/L	99
15) Methyl Acetate	2.964	43	15899	5.989	ug/L	97
16) Methylene chloride	3.054	84	43516	4.517	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	88853	5.303	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	37310	5.315	ug/L	97
19) 1,1-Dichloroethane	3.877	63	66840	5.413	ug/L	99
21) 2-Butanone	4.719	43	109662	59.934	ug/L	100
22) cis-1,2-Dichloroethene	4.671	96	42502	5.457	ug/L	98
23) Bromochloromethane	4.980	128	22058	5.581	ug/L	97
25) Chloroform	5.092	83	73969	5.449	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	46036	5.302	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	63388	5.515	ug/L	99
30) Cyclohexane	5.395	56	50890	5.128	ug/L	98
31) Carbon tetrachloride	5.530	117	56075	5.547	ug/L	100
33) Benzene	5.777	78	156478	5.359	ug/L	100
34) Trichloroethene	6.546	95	41785	5.400	ug/L	97
35) Methylcyclohexane	6.764	83	58619	5.264	ug/L	99
37) 1,2-Dichloropropane	6.793	63	40178	5.369	ug/L	99
38) Bromodichloromethane	7.108	83	56066	5.441	ug/L	95
39) cis-1,3-Dichloropropene	7.610	75	57837	4.974	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	257479	49.361	ug/L	99
42) Toluene	7.970	91	172459	5.448	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	52331	5.045	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	33957	5.293	ug/L	98
47) Tetrachloroethene	8.555	164	36360	5.509	ug/L	99
48) 2-Hexanone	8.687	43	196471	49.490	ug/L	98
49) Dibromochloromethane	8.809	129	43103	5.454	ug/L	100
50) 1,2-Dibromoethane	8.925	107	34158	5.384	ug/L	97
51) Chlorobenzene	9.446	112	116258	5.377	ug/L	100
52) Ethylbenzene	9.571	91	174905	5.217	ug/L	99
53) m,p-Xylene	9.693	106	68280	5.267	ug/L	97
54) o-Xylene	10.102	106	68769	5.370	ug/L	95
55) Styrene	10.115	104	117917	5.361	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	45198	5.255	ug/L	99
59) Bromoform	10.291	173	28617	5.616	ug/L	98
60) Isopropylbenzene	10.484	105	176375	5.405	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	30771	5.079	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	109582	5.260	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	143330	5.300	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	97967	5.384	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	97930	5.268	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	94879	5.273	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	7517	5.172	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	81333	5.287	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	68825	5.086	ug/L	98
71) Naphthalene	14.085	128	106241	4.230	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	62566	4.818	ug/L	98

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

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