Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
Data File : VW023014.D
Acq On : 13 May 2022 09:20
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

Quant Time: May 13 23:50:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 13 01:10:05 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	355949	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	346590	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	196341	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	183724	25.158	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.640%			
7) Chloroethane-d5	2.885	69	121971	25.672	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.680%			
11) 1,1-Dichloroethene-d2	4.019	63	233662	24.763	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 99.040%			
21) 2-Butanone-d5	7.074	46	74811	53.879	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.760%			
24) Chloroform-d	7.647	84	283724	27.207	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 108.840%			
26) 1,2-Dichloroethane-d4	8.305	65	155298	27.152	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.600%			
32) Benzene-d6	8.275	84	548718	27.467	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 109.880%			
36) 1,2-Dichloropropane-d6	9.274	67	156609	27.908	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 111.640%			
41) Toluene-d8	10.323	98	548515	28.423	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 113.680%			
43) trans-1,3-Dichloroprop...	10.573	79	74574	28.862	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 115.440%			
47) 2-Hexanone-d5	10.920	63	61685	57.582	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 115.160%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	149375	28.559	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 114.240%			
66) 1,2-Dichlorobenzene-d4	13.853	152	195867	28.538	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 114.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	30711	15.827	ug/L	91
3) Chloromethane	2.221	50	78008	20.804	ug/L	99
5) Vinyl chloride	2.361	62	149830	19.911	ug/L	98
6) Bromomethane	2.782	94	90158	18.660	ug/L	97
8) Chloroethane	2.922	64	76119	20.972	ug/L	99
9) Trichlorofluoromethane	3.257	101	75054	21.822	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	115566	22.472	ug/L	96
12) 1,1-Dichloroethene	4.038	96	99857	21.904	ug/L	83
13) Acetone	4.117	43	45631	43.895	ug/L	97
14) Carbon disulfide	4.385	76	215334	17.229	ug/L	99
15) Methyl Acetate	4.672	43	49787	23.839	ug/L	100
16) Methylene chloride	4.922	84	113880	21.865	ug/L	94
17) trans-1,2-Dichloroethene	5.421	96	109692	21.381	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	197732	25.248	ug/L	99
19) 1,1-Dichloroethane	6.214	63	202104	23.243	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	129600	23.519	ug/L #	99
22) 2-Butanone	7.171	43	68457	47.088	ug/L	99
23) Bromochloromethane	7.513	128	59563	23.081	ug/L	93
25) Chloroform	7.677	83	234052	24.343	ug/L	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27)	1,2-Dichloroethane	8.403	62	149690	23.356	ug/L		100
29)	Cyclohexane	7.951	56	159739	21.311	ug/L		99
30)	1,1,1-Trichloroethane	7.866	97	197484	24.111	ug/L		98
31)	Carbon tetrachloride	8.067	117	179190	23.388	ug/L		99
33)	Benzene	8.323	78	468524	22.947	ug/L		100
34)	Trichloroethene	9.091	95	128746	22.928	ug/L		99
35)	Methylcyclohexane	9.335	83	201599	21.855	ug/L		99
37)	1,2-Dichloropropane	9.366	63	117301	23.740	ug/L		99
38)	Bromodichloromethane	9.646	83	170168	24.247	ug/L		97
39)	cis-1,3-Dichloropropene	10.073	75	191807	25.035	ug/L		99
40)	4-Methyl-2-pentanone	10.207	43	156070	50.114	ug/L		98
42)	Toluene	10.384	91	535215	23.390	ug/L		100
44)	trans-1,3-Dichloropropene	10.603	75	174967	25.586	ug/L		98
45)	1,1,2-Trichloroethane	10.786	97	102959	24.926	ug/L		96
46)	Tetrachloroethene	10.859	164	98535	23.351	ug/L		87
48)	2-Hexanone	10.969	43	107467	51.646	ug/L		98
49)	Dibromochloromethane	11.128	129	127268	25.600	ug/L		93
50)	1,2-Dibromoethane	11.231	107	100727	24.286	ug/L	#	95
51)	Chlorobenzene	11.658	112	370714	24.575	ug/L		100
52)	Ethylbenzene	11.725	91	616995	24.237	ug/L		99
53)	m,p-Xylene	11.835	106	246812	24.606	ug/L		96
54)	o-Xylene	12.164	106	238604	24.789	ug/L		94
55)	Styrene	12.176	104	416565	25.469	ug/L		100
57)	1,1,2,2-Tetrachloroethane	12.713	83	133721	25.919	ug/L		93
59)	Bromoform	12.347	173	70777	25.436	ug/L		98
60)	Isopropylbenzene	12.463	105	661980	24.611	ug/L		99
61)	1,2,3-Trichloropropane	12.768	75	95813	24.423	ug/L		99
62)	1,3,5-Trimethylbenzene	12.938	105	366993	24.524	ug/L		99
63)	1,2,4-Trimethylbenzene	13.249	105	568619	25.306	ug/L		97
64)	1,3-Dichlorobenzene	13.493	146	297067	24.737	ug/L		96
65)	1,4-Dichlorobenzene	13.578	146	303701	24.484	ug/L		96
67)	1,2-Dichlorobenzene	13.865	146	282132	25.673	ug/L		97
68)	1,2-Dibromo-3-chloropr...	14.481	75	20273	23.645	ug/L		90
69)	1,3,5-Trichlorobenzene	14.621	180	202745	25.434	ug/L		98
70)	1,2,4-trichlorobenzene	15.127	180	171063	26.677	ug/L		99
71)	Naphthalene	15.359	128	375999	26.978	ug/L		99
72)	1,2,3-Trichlorobenzene	15.554	180	145423	25.588	ug/L		96

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

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