Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021420\
Data File : VW014987.D
Acq On : 14 Feb 2020 09:34
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025309

Manual Integrations APPROVED
MMDadoda
2/17/2020 3:46:05 PM

Quant Time: Feb 15 01:50:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM021320SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Feb 14 16:20:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	743002	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	672523	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.55	152	298217	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	372409	24.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.56%			
7) Chloroethane-d5	2.89	69	283774	24.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.56%			
11) 1,1-Dichloroethene-d2	4.02	63	685622	25.54	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 102.16%			
21) 2-Butanone-d5	7.07	46	180378	43.25	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.50%			
24) Chloroform-d	7.64	84	584148	24.48	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.92%			
26) 1,2-Dichloroethane-d4	8.30	65	332156	23.72	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.88%			
32) Benzene-d6	8.27	84	1179672	26.03	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.12%			
36) 1,2-Dichloropropane-d6	9.27	67	394736	25.33	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.32%			
41) Toluene-d8	10.32	98	1023755	26.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 107.12%			
43) trans-1,3-Dichloropropene-	10.57	79	147918	24.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.92%			
47) 2-Hexanone-d5	10.92	63	126569	45.66	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.32%			
56) 1,1,2,2-Tetrachloroethane-	12.69	84	265291	22.81	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.24%			
66) 1,2-Dichlorobenzene-d4	13.85	152	275345	24.53	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.12%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	159203	21.569	ug/L	92
3) Chloromethane	2.21	50	331989	23.916	ug/L	99
5) Vinyl chloride	2.37	62	451965	25.294	ug/L	98
6) Bromomethane	2.78	94	203668	25.128	ug/L	99
8) Chloroethane	2.93	64	247730	25.914	ug/L	100
9) Trichlorofluoromethane	3.26	101	210883	29.884	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	300201	26.000	ug/L	100
12) 1,1-Dichloroethene	4.04	96	285348	25.770	ug/L	95
13) Acetone	4.12	43	227189	52.186	ug/L	99
14) Carbon disulfide	4.39	76	1036896	25.903	ug/L	100
15) Methyl Acetate	4.67	43	177351	23.478	ug/L	100
16) Methylene chloride	4.92	84	327931	23.886	ug/L	98
17) trans-1,2-Dichloroethene	5.42	96	300050	26.855	ug/L	99
18) Methyl tert-butyl Ether	5.42	73	365846	26.529	ug/L	99
19) 1,1-Dichloroethane	6.21	63	660204	26.454	ug/L	98
20) cis-1,2-Dichloroethene	7.17	96	308872m	26.823	ug/L	
22) 2-Butanone	7.17	43	256499	49.011	ug/L	97

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM021320SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Feb 14 16:20:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.51	128	118069	25.278 ug/L	91
25) Chloroform	7.67	83	580966	26.126 ug/L	99
27) 1,2-Dichloroethane	8.40	62	419771	25.687 ug/L	99
29) Cyclohexane	7.96	56	660443	30.118 ug/L	100
30) 1,1,1-Trichloroethane	7.87	97	451842	27.621 ug/L	99
31) Carbon tetrachloride	8.07	117	404692	27.445 ug/L	100
33) Benzene	8.32	78	1372172	27.790 ug/L	100
34) Trichloroethene	9.09	95	323591	27.363 ug/L	98
35) Methylcyclohexane	9.34	83	611484	29.980 ug/L	99
37) 1,2-Dichloropropane	9.37	63	375290	27.213 ug/L	99
38) Bromodichloromethane	9.64	83	418981	26.980 ug/L	100
39) cis-1,3-Dichloropropene	10.07	75	515876	27.960 ug/L	99
40) 4-Methyl-2-pentanone	10.21	43	492696	50.182 ug/L	99
42) Toluene	10.38	91	1370430	28.724 ug/L	97
44) trans-1,3-Dichloropropene	10.60	75	417413	27.271 ug/L	98
45) 1,1,2-Trichloroethane	10.79	97	211813	25.319 ug/L	97
46) Tetrachloroethene	10.86	164	212864	27.719 ug/L	98
48) 2-Hexanone	10.96	43	379933	53.110 ug/L	99
49) Dibromochloromethane	11.13	129	227596	26.111 ug/L	95
50) 1,2-Dibromoethane	11.23	107	192860	25.572 ug/L	98
51) Chlorobenzene	11.66	112	756858	26.893 ug/L	99
52) Ethylbenzene	11.73	91	1512591	29.106 ug/L	100
53) m,p-Xylene	11.84	106	527869	28.948 ug/L	100
54) o-Xylene	12.16	106	495507	28.938 ug/L	97
55) Styrene	12.18	104	859725	29.125 ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.71	83	277169	24.761 ug/L	98
59) Bromoform	12.35	173	114230	25.053 ug/L	99
60) Isopropylbenzene	12.46	105	1373329	29.417 ug/L	100
61) 1,2,3-Trichloropropane	12.77	75	213886	24.473 ug/L	100
62) 1,3,5-Trimethylbenzene	12.94	105	1134781	30.487 ug/L	100
63) 1,2,4-Trimethylbenzene	13.25	105	1114928	30.617 ug/L	99
64) 1,3-Dichlorobenzene	13.50	146	534724	27.785 ug/L	99
65) 1,4-Dichlorobenzene	13.58	146	533159	26.876 ug/L	98
67) 1,2-Dichlorobenzene	13.87	146	475213	26.687 ug/L	98
68) 1,2-Dibromo-3-chloropropan	14.48	75	43277	23.679 ug/L	96
69) 1,3,5-Trichlorobenzene	14.63	180	367016	28.459 ug/L	99
70) 1,2,4-trichlorobenzene	15.13	180	274989	28.445 ug/L	99
71) Naphthalene	15.36	128	253744	25.558 ug/L	99
72) 1,2,3-Trichlorobenzene	15.55	180	250504	27.963 ug/L	99

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

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