Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021720\
Data File : VW015003.D
Acq On : 17 Feb 2020 16:56
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025312

Quant Time: Feb 18 04:24:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM021320SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Feb 18 04:18:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	740330	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	678395	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.55	152	306370	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	339486	22.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.08%			
7) Chloroethane-d5	2.89	69	272969	24.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.12%			
11) 1,1-Dichloroethene-d2	4.03	63	645028	24.12	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 96.48%			
21) 2-Butanone-d5	7.07	46	223316	53.74	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.48%			
24) Chloroform-d	7.65	84	587385	24.70	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.80%			
26) 1,2-Dichloroethane-d4	8.31	65	347049	24.88	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.52%			
32) Benzene-d6	8.27	84	1154620	25.26	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.04%			
36) 1,2-Dichloropropane-d6	9.27	67	395805	25.17	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.68%			
41) Toluene-d8	10.32	98	1002316	25.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.96%			
43) trans-1,3-Dichloropropene-	10.58	79	149752	25.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.28%			
47) 2-Hexanone-d5	10.92	63	158917	56.83	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.66%			
56) 1,1,2,2-Tetrachloroethane-	12.69	84	309090	26.35	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.40%			
66) 1,2-Dichlorobenzene-d4	13.85	152	290591	25.20	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	173153	23.543	ug/L	94
3) Chloromethane	2.21	50	324659	23.473	ug/L	98
5) Vinyl chloride	2.36	62	433871	24.369	ug/L	97
6) Bromomethane	2.78	94	197424	24.445	ug/L	95
8) Chloroethane	2.92	64	241507	25.355	ug/L	97
9) Trichlorofluoromethane	3.25	101	167433	23.812	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	4.06	101	298660	25.960	ug/L #	84
12) 1,1-Dichloroethene	4.04	96	290142	26.298	ug/L	93
13) Acetone	4.12	43	239540	55.221	ug/L	100
14) Carbon disulfide	4.39	76	1008310	25.280	ug/L	100
15) Methyl Acetate	4.67	43	204049	27.110	ug/L	99
16) Methylene chloride	4.92	84	346146	25.304	ug/L	99
17) trans-1,2-Dichloroethene	5.42	96	294813	26.482	ug/L	97
18) Methyl tert-butyl Ether	5.43	73	385019	28.021	ug/L	100
19) 1,1-Dichloroethane	6.21	63	653416	26.276	ug/L	97
20) cis-1,2-Dichloroethene	7.17	96	312399	27.227	ug/L	98
22) 2-Butanone	7.17	43	308478	59.156	ug/L	99

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM021320SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Feb 18 04:18:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	124633	26.780	ug/L	98
25) Chloroform	7.67	83	586129	26.453	ug/L	99
27) 1,2-Dichloroethane	8.40	62	434894	26.708	ug/L	99
29) Cyclohexane	7.95	56	642578	29.049	ug/L	100
30) 1,1,1-Trichloroethane	7.87	97	438173	26.553	ug/L	99
31) Carbon tetrachloride	8.07	117	397661	26.735	ug/L	100
33) Benzene	8.32	78	1368526	27.476	ug/L	100
34) Trichloroethene	9.09	95	318987	26.741	ug/L	99
35) Methylcyclohexane	9.34	83	597366	29.034	ug/L	99
37) 1,2-Dichloropropane	9.37	63	383622	27.577	ug/L	100
38) Bromodichloromethane	9.64	83	423345	27.025	ug/L	97
39) cis-1,3-Dichloropropene	10.07	75	525876	28.255	ug/L	99
40) 4-Methyl-2-pentanone	10.21	43	591880	59.763	ug/L	100
42) Toluene	10.38	91	1380441	28.683	ug/L	100
44) trans-1,3-Dichloropropene	10.60	75	436271	28.256	ug/L	99
45) 1,1,2-Trichloroethane	10.79	97	234362	27.772	ug/L	97
46) Tetrachloroethene	10.86	164	208440	26.908	ug/L	97
48) 2-Hexanone	10.96	43	458678	63.563	ug/L	98
49) Dibromochloromethane	11.13	129	241359	27.450	ug/L	97
50) 1,2-Dibromoethane	11.23	107	213326	28.041	ug/L	98
51) Chlorobenzene	11.65	112	773682	27.252	ug/L	99
52) Ethylbenzene	11.73	91	1509961	28.803	ug/L	98
53) m,p-Xylene	11.83	106	536472	29.165	ug/L	99
54) o-Xylene	12.16	106	504299	29.196	ug/L	95
55) Styrene	12.18	104	885499	29.738	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.71	83	317873	28.151	ug/L	97
59) Bromoform	12.35	173	128602	27.454	ug/L	99
60) Isopropylbenzene	12.46	105	1389101	28.964	ug/L	100
61) 1,2,3-Trichloropropane	12.77	75	245155	27.304	ug/L	99
62) 1,3,5-Trimethylbenzene	12.94	105	1143885	29.913	ug/L	100
63) 1,2,4-Trimethylbenzene	13.25	105	1145930	30.631	ug/L	99
64) 1,3-Dichlorobenzene	13.50	146	538117	27.217	ug/L	99
65) 1,4-Dichlorobenzene	13.58	146	558110	27.386	ug/L	100
67) 1,2-Dichlorobenzene	13.87	146	505203	27.616	ug/L	97
68) 1,2-Dibromo-3-chloropropan	14.48	75	53254	28.363	ug/L	99
69) 1,3,5-Trichlorobenzene	14.63	180	377771	28.513	ug/L	98
70) 1,2,4-trichlorobenzene	15.13	180	296531	29.857	ug/L	99
71) Naphthalene	15.36	128	306032	30.005	ug/L	99
72) 1,2,3-Trichlorobenzene	15.55	180	276983	30.096	ug/L	100

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

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