Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091820\
Data File : VW016589.D
Acq On : 18 Sep 2020 17:19
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025108

Quant Time: Sep 19 00:22:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM091820SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 18 13:07:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	558868	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	499583	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	250602	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.37	65	155664	24.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.76%			
7) Chloroethane-d5	2.90	69	124888	24.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.48%			
11) 1,1-Dichloroethene-d2	4.04	63	315936	23.98	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.92%			
21) 2-Butanone-d5	7.09	46	72779	51.55	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.10%			
24) Chloroform-d	7.65	84	335476	25.48	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.92%			
26) 1,2-Dichloroethane-d4	8.31	65	172708	25.68	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.72%			
32) Benzene-d6	8.28	84	634974	24.88	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.52%			
36) 1,2-Dichloropropane-d6	9.28	67	175181	24.96	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.84%			
41) Toluene-d8	10.33	98	623929	25.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.28%			
43) trans-1,3-Dichloropropene-	10.58	79	85328	25.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.28%			
47) 2-Hexanone-d5	10.93	63	60044	54.37	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.74%			
56) 1,1,2,2-Tetrachloroethane-	12.69	84	141982	25.99	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.96%			
66) 1,2-Dichlorobenzene-d4	13.85	152	234538	25.84	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.36%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.03	85	157775	23.413	ug/L	91
3) Chloromethane	2.22	50	131914	24.701	ug/L	97
5) Vinyl chloride	2.37	62	186152	24.317	ug/L	99
6) Bromomethane	2.79	94	140715	23.928	ug/L	98
8) Chloroethane	2.94	64	113063	24.846	ug/L	100
9) Trichlorofluoromethane	3.28	101	156259	21.521	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	4.08	101	177661	24.650	ug/L	99
12) 1,1-Dichloroethene	4.06	96	175752	24.380	ug/L	95
13) Acetone	4.14	43	50598	53.126	ug/L	100
14) Carbon disulfide	4.40	76	520974	24.337	ug/L	99
15) Methyl Acetate	4.68	43	61794	26.433	ug/L	99
16) Methylene chloride	4.93	84	186946	22.825	ug/L	96
17) trans-1,2-Dichloroethene	5.44	96	187788	25.109	ug/L	97
18) Methyl tert-butyl Ether	5.43	73	234611	25.538	ug/L	100
19) 1,1-Dichloroethane	6.23	63	303436	25.613	ug/L	99
20) cis-1,2-Dichloroethene	7.18	96	198817	25.575	ug/L	96
22) 2-Butanone	7.18	43	79216	48.920	ug/L	97

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ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
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Quant Time: Sep 19 00:22:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM091820SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 18 13:07:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.52	128	96857	26.500 ug/L	98
25) Chloroform	7.68	83	337308	26.026 ug/L	100
27) 1,2-Dichloroethane	8.40	62	210773	26.192 ug/L	100
29) Cyclohexane	7.96	56	262534	23.538 ug/L	100
30) 1,1,1-Trichloroethane	7.88	97	290442	24.399 ug/L	99
31) Carbon tetrachloride	8.07	117	281507	24.284 ug/L	100
33) Benzene	8.33	78	698424	25.236 ug/L	100
34) Trichloroethene	9.10	95	198169	24.962 ug/L	98
35) Methylcyclohexane	9.34	83	317950	23.977 ug/L	99
37) 1,2-Dichloropropane	9.37	63	163514	25.911 ug/L	99
38) Bromodichloromethane	9.65	83	246291	26.318 ug/L	99
39) cis-1,3-Dichloropropene	10.08	75	271527	25.207 ug/L	99
40) 4-Methyl-2-pentanone	10.21	43	183955	52.027 ug/L	100
42) Toluene	10.39	91	791988	25.401 ug/L	99
44) trans-1,3-Dichloropropene	10.61	75	236692	25.619 ug/L	99
45) 1,1,2-Trichloroethane	10.79	97	132780	25.906 ug/L	97
46) Tetrachloroethene	10.87	164	176612	24.663 ug/L	97
48) 2-Hexanone	10.97	43	121458	55.244 ug/L	98
49) Dibromochloromethane	11.13	129	178098	26.472 ug/L	96
50) 1,2-Dibromoethane	11.24	107	134927	26.580 ug/L	95
51) Chlorobenzene	11.66	112	520042	25.153 ug/L	99
52) Ethylbenzene	11.73	91	878137	25.014 ug/L	98
53) m,p-Xylene	11.84	106	344125	25.163 ug/L	95
54) o-Xylene	12.17	106	334305	25.827 ug/L	98
55) Styrene	12.18	104	554399	25.723 ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.72	83	148617	26.931 ug/L	96
59) Bromoform	12.35	173	104982	25.950 ug/L	98
60) Isopropylbenzene	12.46	105	902257	24.660 ug/L	100
61) 1,2,3-Trichloropropane	12.77	75	106819	25.866 ug/L	100
62) 1,3,5-Trimethylbenzene	12.94	105	751601	24.963 ug/L	100
63) 1,2,4-Trimethylbenzene	13.25	105	749207	25.036 ug/L	100
64) 1,3-Dichlorobenzene	13.50	146	424532	25.283 ug/L	99
65) 1,4-Dichlorobenzene	13.58	146	416178	25.271 ug/L	98
67) 1,2-Dichlorobenzene	13.87	146	376334	25.333 ug/L	97
68) 1,2-Dibromo-3-chloropropan	14.49	75	25726	26.502 ug/L	95
69) 1,3,5-Trichlorobenzene	14.63	180	303131	24.458 ug/L	99
70) 1,2,4-trichlorobenzene	15.14	180	254868	25.463 ug/L	97
71) Naphthalene	15.37	128	465166	27.692 ug/L	99
72) 1,2,3-Trichlorobenzene	15.56	180	224699	26.736 ug/L	98

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

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