Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082720\
Data File : VW016393.D
Acq On : 27 Aug 2020 16:50
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02530

Quant Time: Aug 28 08:11:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 28 08:08:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	260196	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	244300	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	123723	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	46911	16.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 67.56%			
7) Chloroethane-d5	2.89	69	39110	18.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.20%			
10) 1,1-Dichloroethene-d2	4.02	63	130772	19.82	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 79.28%			
20) 2-Butanone-d5	7.09	46	41036	51.94	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.88%			
24) Chloroform-d	7.65	84	149417	22.03	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 88.12%			
26) 1,2-Dichloroethane-d4	8.31	65	83478	23.88	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.52%			
29) Benzene-d6	8.27	84	278861	20.44	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 81.76%			
33) 1,2-Dichloropropane-d6	9.27	67	78526	20.81	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 83.24%			
37) Toluene-d8	10.32	98	269736	20.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 83.84%			
38) trans-1,3-Dichloropropene-	10.58	79	40935	22.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.88%			
39) 2-Hexanone-d5	10.93	63	31545	52.17	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.34%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	81294	25.88	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.52%			
61) 1,2-Dichlorobenzene-d4	13.85	152	98974	20.86	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 83.44%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	62128	21.731	ug/L	95
3) Chloromethane	2.21	50	42308	18.953	ug/L	98
5) Vinyl chloride	2.37	62	62946	20.704	ug/L	97
6) Bromomethane	2.78	94	42274	21.269	ug/L	99
8) Chloroethane	2.92	64	37623	22.193	ug/L	93
9) Trichlorofluoromethane	3.26	101	69331	21.072	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	80707	22.472	ug/L	96
12) 1,1-Dichloroethene	4.04	96	77296	22.377	ug/L	91
13) Acetone	4.13	43	32715	49.894	ug/L	97
14) Carbon disulfide	4.39	76	214339	20.928	ug/L	98
15) Methyl Acetate	4.67	43	35393	26.828	ug/L	96
16) Methylene chloride	4.92	84	86592	18.002	ug/L	95
17) Methyl tert-butyl Ether	5.43	73	125044	24.758	ug/L	100
18) trans-1,2-Dichloroethene	5.43	96	83351	22.971	ug/L	98
19) 1,1-Dichloroethane	6.21	63	137705	23.033	ug/L	98
21) 2-Butanone	7.17	43	50034	53.559	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	90049	23.597	ug/L	97

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ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02530

Quant Time: Aug 28 08:11:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 28 08:08:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.51	128	43739	24.988 ug/L	95
25) Chloroform	7.68	83	156479	24.304 ug/L	97
27) 1,2-Dichloroethane	8.40	62	104435	25.898 ug/L	99
30) Cyclohexane	7.96	56	115309	21.838 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	136815	23.284 ug/L	100
32) Carbon tetrachloride	8.07	117	130785	23.442 ug/L	99
34) Benzene	8.32	78	322776	23.034 ug/L	100
35) Trichloroethene	9.10	95	89618	22.587 ug/L	98
36) Methylcyclohexane	9.34	83	146099	22.557 ug/L	100
40) 1,2-Dichloropropane	9.37	63	76342	23.166 ug/L	99
41) Bromodichloromethane	9.65	83	114712	24.573 ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	131892	24.444 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	105209	53.395 ug/L	99
44) Toluene	10.39	91	362837	23.776 ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	120529	25.265 ug/L	94
46) 1,1,2-Trichloroethane	10.79	97	70711	25.996 ug/L	95
47) Tetrachloroethene	10.87	164	74404	23.781 ug/L	92
49) 2-Hexanone	10.97	43	74757	58.566 ug/L	98
50) Dibromochloromethane	11.13	129	85750	25.313 ug/L	100
51) 1,2-Dibromoethane	11.24	107	68893	25.876 ug/L	98
52) Chlorobenzene	11.66	112	241069	23.652 ug/L	97
53) Ethylbenzene	11.73	91	412819	23.531 ug/L	99
54) m,p-Xylene	11.84	106	159904	23.717 ug/L	99
55) o-xylene	12.16	106	152421	24.064 ug/L	99
56) Styrene	12.18	104	269218	25.260 ug/L	100
57) Isopropylbenzene	12.46	105	417354	23.670 ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	86921	27.386 ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	65157	27.718 ug/L	97
62) Bromoform	12.35	173	50867	25.297 ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	190844	22.888 ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	186500	22.079 ug/L	92
65) 1,2-Dichlorobenzene	13.87	146	175367	23.554 ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.49	75	15842	27.068 ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	130829	22.737 ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	111534	24.420 ug/L	98
69) Naphthalene	15.36	128	250824	27.957 ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	98835	24.605 ug/L	99

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

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