Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032019\
Data File : VW009277.D
Acq On : 20 Mar 2019 10:22
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02514

Quant Time: Mar 21 10:17:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 19 01:10:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	496802	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	459537	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	237426	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	154548	26.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.12%			
7) Chloroethane-d5	2.89	69	147244	21.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.80%			
10) 1,1-Dichloroethene-d2	4.01	63	329892	25.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 102.84%			
20) 2-Butanone-d5	7.07	46	108346	44.13	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.26%			
24) Chloroform-d	7.64	84	332248	24.51	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.04%			
26) 1,2-Dichloroethane-d4	8.31	65	191103	23.40	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.60%			
29) Benzene-d6	8.27	84	628424	24.80	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.20%			
33) 1,2-Dichloropropane-d6	9.27	67	187626	24.65	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.60%			
37) Toluene-d8	10.32	98	589309	25.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.60%			
38) trans-1,3-Dichloropropene-	10.57	79	93298	24.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.64%			
39) 2-Hexanone-d5	10.92	63	86775	47.07	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.14%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	177613	23.69	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.76%			
61) 1,2-Dichlorobenzene-d4	13.86	152	224284	24.64	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	150918	23.060	ug/L	88
3) Chloromethane	2.21	50	158188	22.782	ug/L	98
5) Vinyl chloride	2.37	62	214923	30.072	ug/L	98
6) Bromomethane	2.78	94	148046	24.725	ug/L	99
8) Chloroethane	2.93	64	143108	24.202	ug/L	96
9) Trichlorofluoromethane	3.26	101	128931	22.838	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	170335	26.127	ug/L	94
12) 1,1-Dichloroethene	4.03	96	169887	27.770	ug/L	96
13) Acetone	4.12	43	88939	44.173	ug/L	98
14) Carbon disulfide	4.38	76	486645	29.557	ug/L	99
15) Methyl Acetate	4.67	43	89913	22.732	ug/L	97
16) Methylene chloride	4.91	84	163731	22.600	ug/L	99
17) Methyl tert-butyl Ether	5.42	73	226551	26.172	ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	171699	26.694	ug/L	98
19) 1,1-Dichloroethane	6.21	63	313964	26.771	ug/L	97
21) 2-Butanone	7.17	43	121989	43.880	ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	185876	26.677	ug/L	99

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
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Quant Title : VOC Analysis
QLast Update : Tue Mar 19 01:10:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.51	128	84844	25.388 ug/L	93
25) Chloroform	7.67	83	327712	26.683 ug/L	99
27) 1,2-Dichloroethane	8.40	62	233969	25.551 ug/L	100
30) Cyclohexane	7.95	56	300946	28.836 ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	263129	28.669 ug/L	99
32) Carbon tetrachloride	8.06	117	267896	28.930 ug/L	98
34) Benzene	8.32	78	702071	27.912 ug/L	100
35) Trichloroethene	9.09	95	185967	27.747 ug/L	99
36) Methylcyclohexane	9.33	83	329148	28.386 ug/L	98
40) 1,2-Dichloropropane	9.37	63	174590	27.050 ug/L	99
41) Bromodichloromethane	9.64	83	240987	26.947 ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	285775	27.185 ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	276761	47.321 ug/L	99
44) Toluene	10.38	91	764127	27.786 ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	243917	26.673 ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	130750	25.392 ug/L	97
47) Tetrachloroethene	10.86	164	152754	26.974 ug/L	99
49) 2-Hexanone	10.97	43	207102	50.277 ug/L	100
50) Dibromochloromethane	11.13	129	166296	26.162 ug/L	97
51) 1,2-Dibromoethane	11.23	107	134578	25.781 ug/L	99
52) Chlorobenzene	11.66	112	477748	27.086 ug/L	97
53) Ethylbenzene	11.73	91	874602	28.287 ug/L	100
54) m,p-Xylene	11.84	106	329804	28.077 ug/L	95
55) o-xylene	12.16	106	316862	27.651 ug/L	98
56) Styrene	12.18	104	543587	27.802 ug/L	95
57) Isopropylbenzene	12.46	105	880283	28.676 ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	173766	25.015 ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	125808	24.404 ug/L	100
62) Bromoform	12.35	173	103404	25.776 ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	386306	27.300 ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	398076	27.210 ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	362116	26.834 ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	30823	23.306 ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	298784	27.071 ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	251540	27.132 ug/L	100
69) Naphthalene	15.37	128	495485	25.779 ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	230323	26.525 ug/L	98

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

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