Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041119\
Data File : VW009926.D
Acq On : 11 Apr 2019 21:23
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02528

Quant Time: Apr 12 02:09:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 01:59:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	541410	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	512926	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	260205	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	171790	24.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.00%			
7) Chloroethane-d5	2.89	69	144008	22.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.76%			
10) 1,1-Dichloroethene-d2	4.02	63	412432	27.07	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 108.28%			
20) 2-Butanone-d5	7.07	46	109098	47.43	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.86%			
24) Chloroform-d	7.65	84	392429	26.56	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.24%			
26) 1,2-Dichloroethane-d4	8.31	65	223623	24.66	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.64%			
29) Benzene-d6	8.27	84	742115	27.56	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 110.24%			
33) 1,2-Dichloropropane-d6	9.27	67	221762	26.66	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.64%			
37) Toluene-d8	10.32	98	680812	27.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 109.40%			
38) trans-1,3-Dichloropropene-	10.58	79	98663	24.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.48%			
39) 2-Hexanone-d5	10.93	63	81636	52.08	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.16%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	188503	24.38	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.52%			
61) 1,2-Dichlorobenzene-d4	13.85	152	235144	25.75	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	160630	22.523	ug/L	91
3) Chloromethane	2.21	50	157436	21.361	ug/L	99
5) Vinyl chloride	2.37	62	200828	21.243	ug/L	96
6) Bromomethane	2.78	94	122185	18.678	ug/L	99
8) Chloroethane	2.93	64	129580	20.883	ug/L	98
9) Trichlorofluoromethane	3.26	101	119202	20.554	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	185673	24.613	ug/L	98
12) 1,1-Dichloroethene	4.04	96	179009	24.893	ug/L	96
13) Acetone	4.12	43	107555	43.639	ug/L	98
14) Carbon disulfide	4.38	76	507770	22.717	ug/L	99
15) Methyl Acetate	4.67	43	105082	23.383	ug/L	96
16) Methylene chloride	4.91	84	206502	21.627	ug/L	97
17) Methyl tert-butyl Ether	5.42	73	259232	26.169	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	188575	25.215	ug/L	96
19) 1,1-Dichloroethane	6.21	63	376329	26.221	ug/L	98
21) 2-Butanone	7.17	43	141914	45.273	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	207851	25.986	ug/L	98

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02528

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 01:59:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.51	128	91688	24.986 ug/L	92
25) Chloroform	7.67	83	391214	26.023 ug/L	99
27) 1,2-Dichloroethane	8.40	62	282608	24.855 ug/L	99
30) Cyclohexane	7.95	56	327660	27.065 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	317014	27.245 ug/L	99
32) Carbon tetrachloride	8.06	117	300040	25.720 ug/L	98
34) Benzene	8.32	78	817414	26.488 ug/L	100
35) Trichloroethene	9.09	95	211078	26.136 ug/L	99
36) Methylcyclohexane	9.34	83	354828	26.723 ug/L	99
40) 1,2-Dichloropropane	9.37	63	209391	26.506 ug/L	100
41) Bromodichloromethane	9.64	83	283483	26.007 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	320448	26.184 ug/L	96
43) 4-Methyl-2-pentanone	10.21	43	302307	49.265 ug/L	99
44) Toluene	10.38	91	873523	26.720 ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	271649	25.745 ug/L	95
46) 1,1,2-Trichloroethane	10.79	97	150868	25.443 ug/L	95
47) Tetrachloroethene	10.86	164	164577	25.874 ug/L	98
49) 2-Hexanone	10.97	43	225594	49.374 ug/L	99
50) Dibromochloromethane	11.13	129	181408	24.902 ug/L	99
51) 1,2-Dibromoethane	11.24	107	145065	24.409 ug/L	100
52) Chlorobenzene	11.66	112	550173	26.145 ug/L	99
53) Ethylbenzene	11.73	91	1011817	27.170 ug/L	100
54) m,p-Xylene	11.84	106	371143	26.945 ug/L	99
55) o-xylene	12.16	106	353203	26.924 ug/L	96
56) Styrene	12.18	104	620454	27.259 ug/L	99
57) Isopropylbenzene	12.46	105	997103	27.759 ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	196463	24.640 ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	145815	24.567 ug/L	98
62) Bromoform	12.35	173	103949	22.721 ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	416299	25.863 ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	438314	25.536 ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	398139	25.855 ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	33419	22.295 ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	316778	26.524 ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	255901	26.681 ug/L	99
69) Naphthalene	15.37	128	492913	25.570 ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	239401	26.682 ug/L	98

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

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