Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112619\
Data File : VW014145.D
Acq On : 26 Nov 2019 19:48
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02522

Quant Time: Nov 27 07:09:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 27 06:15:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	271676	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	267589	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	167511	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	91897	21.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.80%			
7) Chloroethane-d5	2.89	69	82400	23.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.80%			
10) 1,1-Dichloroethene-d2	4.02	63	202494	22.76	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 91.04%			
20) 2-Butanone-d5	7.07	46	80159	63.66	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 127.32%			
24) Chloroform-d	7.65	84	226585	27.13	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 108.52%			
26) 1,2-Dichloroethane-d4	8.30	65	119338	28.42	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 113.68%			
29) Benzene-d6	8.27	84	452759	23.85	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.40%			
33) 1,2-Dichloropropane-d6	9.27	67	139652	25.11	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.44%			
37) Toluene-d8	10.32	98	422475	23.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.84%			
38) trans-1,3-Dichloropropene-	10.57	79	60267	25.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.20%			
39) 2-Hexanone-d5	10.92	63	67493	64.00	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 128.00%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129695	30.88	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 123.52%#			
61) 1,2-Dichlorobenzene-d4	13.85	152	163722	24.33	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	59697	18.477	ug/L	100
3) Chloromethane	2.21	50	56988	19.858	ug/L	100
5) Vinyl chloride	2.36	62	112944	25.205	ug/L	99
6) Bromomethane	2.78	94	68704	24.765	ug/L	99
8) Chloroethane	2.92	64	66021	24.770	ug/L	94
9) Trichlorofluoromethane	3.25	101	57856	18.935	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	118276	26.215	ug/L	98
12) 1,1-Dichloroethene	4.04	96	116332	25.365	ug/L	95
13) Acetone	4.11	43	63655	49.677	ug/L	99
14) Carbon disulfide	4.39	76	309726	23.728	ug/L	99
15) Methyl Acetate	4.67	43	60914	29.381	ug/L	100
16) Methylene chloride	4.91	84	119757	22.897	ug/L	98
17) Methyl tert-butyl Ether	5.42	73	157773	26.666	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	118139	24.702	ug/L	94
19) 1,1-Dichloroethane	6.21	63	215483	26.749	ug/L	99
21) 2-Butanone	7.17	43	88621	53.833	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	131098	26.049	ug/L	98

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02522

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 27 06:15:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.51	128	60745	27.497 ug/L	96
25) Chloroform	7.67	83	218727	27.649 ug/L	99
27) 1,2-Dichloroethane	8.40	62	137298	28.666 ug/L	97
30) Cyclohexane	7.95	56	195205	22.795 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	169090	25.215 ug/L	98
32) Carbon tetrachloride	8.06	117	160801	24.979 ug/L	98
34) Benzene	8.32	78	494040	25.171 ug/L	100
35) Trichloroethene	9.09	95	129745	24.781 ug/L	99
36) Methylcyclohexane	9.33	83	218037	23.226 ug/L	99
40) 1,2-Dichloropropane	9.37	63	123082	26.050 ug/L	99
41) Bromodichloromethane	9.64	83	153117	26.806 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	191668	25.705 ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	177755	56.979 ug/L	99
44) Toluene	10.38	91	544976	25.467 ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	155127	26.309 ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	94927	27.343 ug/L	98
47) Tetrachloroethene	10.86	164	115743	24.802 ug/L	98
49) 2-Hexanone	10.96	43	132490	58.908 ug/L	97
50) Dibromochloromethane	11.13	129	114465	28.051 ug/L	99
51) 1,2-Dibromoethane	11.23	107	91112	27.049 ug/L	99
52) Chlorobenzene	11.65	112	341733	25.473 ug/L	94
53) Ethylbenzene	11.73	91	595768	25.370 ug/L	100
54) m,p-Xylene	11.84	106	229945	25.197 ug/L	97
55) o-xylene	12.16	106	219773	25.717 ug/L	99
56) Styrene	12.18	104	383337	26.553 ug/L	99
57) Isopropylbenzene	12.46	105	603653	25.691 ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	119618	29.512 ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	89461	29.347 ug/L	100
62) Bromoform	12.35	173	73291	26.698 ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	282001	23.976 ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	281941	24.261 ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	262297	25.184 ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.48	75	18322	25.830 ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	221633	24.725 ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	173688	24.643 ug/L	98
69) Naphthalene	15.36	128	324990	25.954 ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	165711	26.641 ug/L	99

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

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