Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080918\
Data File : VW004531.D
Acq On : 08 Aug 2018 15:27
Operator : SY/AP
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02584

Quant Time: Aug 09 02:09:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 09 02:02:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	880667	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	859034	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	440868	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	208099	19.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.00%			
7) Chloroethane-d5	2.89	69	190650	20.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.76%			
10) 1,1-Dichloroethene-d2	4.01	63	490707	22.06	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 88.24%			
20) 2-Butanone-d5	7.09	46	220075	45.57	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.14%			
24) Chloroform-d	7.65	84	550887	23.11	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.44%			
26) 1,2-Dichloroethane-d4	8.31	65	297019	22.35	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.40%			
29) Benzene-d6	8.28	84	1023068	22.39	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.56%			
33) 1,2-Dichloropropane-d6	9.28	67	337216	22.58	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.32%			
37) Toluene-d8	10.33	98	900426	22.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.40%			
38) trans-1,3-Dichloropropene-	10.58	79	133495	21.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.96%			
39) 2-Hexanone-d5	10.93	63	169099	46.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.02%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	374966	23.15	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 92.60%			
61) 1,2-Dichlorobenzene-d4	13.86	152	377754	22.81	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.24%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	222343	24.28	ug/L	93
3) Chloromethane	2.22	50	257555	21.30	ug/L	98
5) Vinyl chloride	2.37	62	395948	25.09	ug/L	97
6) Bromomethane	2.78	94	215027	23.56	ug/L	98
8) Chloroethane	2.93	64	236487	24.98	ug/L	99
9) Trichlorofluoromethane	3.26	101	168142	23.36	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	335949	26.88	ug/L	98
12) 1,1-Dichloroethene	4.04	96	312938	25.63	ug/L	95
13) Acetone	4.14	43	212303	50.74	ug/L	99
14) Carbon disulfide	4.37	76	921894	24.61	ug/L	99
15) Methyl Acetate	4.68	43	199377	23.38	ug/L	98
16) Methylene chloride	4.92	84	427565	24.44	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	423874	25.64	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	318621	25.51	ug/L	97
19) 1,1-Dichloroethane	6.21	63	617802	26.07	ug/L	100
21) 2-Butanone	7.18	43	267687	46.74	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	357201	26.21	ug/L	98

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Quant Title : VOC Analysis
QLast Update : Thu Aug 09 02:02:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	164075	25.15	ug/L	98
25) Chloroform	7.68	83	619593	25.62	ug/L	100
27) 1,2-Dichloroethane	8.40	62	401618	24.72	ug/L	100
30) Cyclohexane	7.96	56	548639	27.01	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	478126	26.20	ug/L	100
32) Carbon tetrachloride	8.07	117	451425	25.66	ug/L	100
34) Benzene	8.32	78	1390440	26.25	ug/L	100
35) Trichloroethene	9.09	95	340096	25.53	ug/L	99
36) Methylcyclohexane	9.34	83	624541	26.71	ug/L	99
40) 1,2-Dichloropropane	9.37	63	365730	26.07	ug/L	99
41) Bromodichloromethane	9.65	83	422207	25.06	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	480748	25.05	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	509097	48.40	ug/L	100
44) Toluene	10.39	91	1419434	26.63	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	437154	25.34	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	272486	24.99	ug/L	99
47) Tetrachloroethene	10.87	164	266609	25.29	ug/L	100
49) 2-Hexanone	10.98	43	388296	49.13	ug/L	99
50) Dibromochloromethane	11.13	129	303305	25.07	ug/L	100
51) 1,2-Dibromoethane	11.24	107	255158	24.41	ug/L	98
52) Chlorobenzene	11.66	112	914252	25.36	ug/L	99
53) Ethylbenzene	11.74	91	1583946	26.45	ug/L	99
54) m,p-Xylene	11.85	106	607026	27.17	ug/L	99
55) o-xylene	12.17	106	575669	27.19	ug/L	99
56) Styrene	12.19	104	1022438	27.71	ug/L	99
57) Isopropylbenzene	12.47	105	1605807	28.02	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	386667	24.43	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	289631	24.50	ug/L	100
62) Bromoform	12.35	173	191074	23.85	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	703831	25.66	ug/L	98
64) 1,4-Dichlorobenzene	13.59	146	749742	25.43	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	703662	25.60	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	61514	21.79	ug/L	92
67) 1,3,5-Trichlorobenzene	14.64	180	566365	26.04	ug/L	98
68) 1,2,4-trichlorobenzene	15.15	180	467537	26.57	ug/L	99
69) Naphthalene	15.38	128	1026632	25.59	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	466330	27.22	ug/L	100

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

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