Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081118\
Data File : VW004564.D
Acq On : 09 Aug 2018 19:34
Operator : SY/AP
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02586

Quant Time: Aug 10 02:20:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 10 02:10:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	801924	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	797748	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	410987	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	186145	18.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.64%			
7) Chloroethane-d5	2.89	69	176046	20.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.92%			
10) 1,1-Dichloroethene-d2	4.02	63	447415	22.09	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 88.36%			
20) 2-Butanone-d5	7.09	46	228005	51.84	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.68%			
24) Chloroform-d	7.65	84	508182	23.41	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.64%			
26) 1,2-Dichloroethane-d4	8.31	65	282343	23.33	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.32%			
29) Benzene-d6	8.27	84	945362	22.28	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.12%			
33) 1,2-Dichloropropane-d6	9.28	67	312733	22.55	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.20%			
37) Toluene-d8	10.33	98	843939	22.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.24%			
38) trans-1,3-Dichloropropene-	10.59	79	127209	22.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.20%			
39) 2-Hexanone-d5	10.93	63	180282	53.39	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.78%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	369110	24.54	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.16%			
61) 1,2-Dichlorobenzene-d4	13.86	152	350020	22.68	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	183911	22.06	ug/L	97
3) Chloromethane	2.21	50	234862	21.33	ug/L	98
5) Vinyl chloride	2.37	62	379995	26.44	ug/L	96
6) Bromomethane	2.78	94	206335	24.83	ug/L	99
8) Chloroethane	2.93	64	227064	26.34	ug/L	98
9) Trichlorofluoromethane	3.26	101	173011	26.39	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	328938	28.90	ug/L	94
12) 1,1-Dichloroethene	4.04	96	301736	27.14	ug/L	95
13) Acetone	4.14	43	208957	54.84	ug/L	98
14) Carbon disulfide	4.38	76	877684	25.73	ug/L	100
15) Methyl Acetate	4.67	43	208323	26.82	ug/L	99
16) Methylene chloride	4.92	84	366103	22.98	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	401711	26.69	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	299923	26.38	ug/L	95
19) 1,1-Dichloroethane	6.21	63	594088	27.53	ug/L	99
21) 2-Butanone	7.18	43	275581	52.84	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	344198	27.73	ug/L	97

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Instrument : MSVOA_W
ClientSampleId : VSTD02586

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Quant Title : VOC Analysis
QLast Update : Fri Aug 10 02:10:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.51	128	159952	26.93 ug/L	98
25) Chloroform	7.68	83	598838	27.19 ug/L	99
27) 1,2-Dichloroethane	8.40	62	392003	26.49 ug/L	99
30) Cyclohexane	7.96	56	518324	27.47 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	456088	26.91 ug/L	99
32) Carbon tetrachloride	8.07	117	435990	26.69 ug/L	99
34) Benzene	8.32	78	1337907	27.20 ug/L	100
35) Trichloroethene	9.09	95	323561	26.15 ug/L	99
36) Methylcyclohexane	9.34	83	589215	27.13 ug/L	99
40) 1,2-Dichloropropane	9.37	63	350675	26.92 ug/L	99
41) Bromodichloromethane	9.65	83	408438	26.10 ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	467793	26.25 ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	533215	54.59 ug/L	99
44) Toluene	10.39	91	1382874	27.94 ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	427396	26.68 ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	271100	26.77 ug/L	98
47) Tetrachloroethene	10.87	164	263844	26.95 ug/L	99
49) 2-Hexanone	10.98	43	410534	55.93 ug/L	99
50) Dibromochloromethane	11.13	129	300734	26.77 ug/L	100
51) 1,2-Dibromoethane	11.24	107	258763	26.66 ug/L	99
52) Chlorobenzene	11.66	112	900859	26.91 ug/L	98
53) Ethylbenzene	11.74	91	1563740	28.11 ug/L	98
54) m,p-Xylene	11.85	106	591916	28.52 ug/L	99
55) o-xylene	12.17	106	562525	28.61 ug/L	97
56) Styrene	12.19	104	1010999	29.51 ug/L	98
57) Isopropylbenzene	12.47	105	1547722	29.08 ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	391253	26.62 ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	294334	26.81 ug/L	98
62) Bromoform	12.35	173	193618	25.92 ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	680500	26.61 ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	728700	26.51 ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	686878	26.81 ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	63302	24.05 ug/L	99
67) 1,3,5-Trichlorobenzene	14.64	180	540594	26.67 ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	440950	26.89 ug/L	99
69) Naphthalene	15.38	128	1014705	27.13 ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	443203	27.75 ug/L	99

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

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