Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041619\
Data File : VW009996.D
Acq On : 16 Apr 2019 14:38
Operator : SY/VA
Sample : K2403-04
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A5108

Quant Time: Apr 16 15:07:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 16 01:53:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	696393	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	645194	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	328062	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	186588	28.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 113.40%			
7) Chloroethane-d5	2.89	69	154934	23.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.96%			
10) 1,1-Dichloroethene-d2	4.01	63	435705	23.87	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.48%			
20) 2-Butanone-d5	7.07	46	152468	42.83	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.66%			
24) Chloroform-d	7.65	84	446514	22.18	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 88.72%			
26) 1,2-Dichloroethane-d4	8.31	65	271150	21.71	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.84%			
29) Benzene-d6	8.27	84	867960	24.48	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.92%			
33) 1,2-Dichloropropane-d6	9.27	67	260581	23.07	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.28%			
37) Toluene-d8	10.32	98	782785	24.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.80%			
38) trans-1,3-Dichloropropene-	10.58	79	124396	23.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.92%			
39) 2-Hexanone-d5	10.93	63	113993	45.55	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.10%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	232666	22.02	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.08%			
61) 1,2-Dichlorobenzene-d4	13.86	152	272180	22.07	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	103089	10.551	ug/L	95
3) Chloromethane	2.22	50	115603	12.981	ug/L	100
5) Vinyl chloride	2.37	62	254282	30.353	ug/L	99
6) Bromomethane	2.78	94	97634	15.781	ug/L	99
8) Chloroethane	2.93	64	56978	9.474	ug/L	100
9) Trichlorofluoromethane	3.26	101	71027	10.298	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	206181	22.960	ug/L	98
12) 1,1-Dichloroethene	4.03	96	148845	17.704	ug/L	86
15) Methyl Acetate	4.67	43	151460	23.705	ug/L	100
16) Methylene chloride	4.91	84	225813	17.908	ug/L	96
17) Methyl tert-butyl Ether	5.42	73	486912	39.571	ug/L	100
21) 2-Butanone	7.17	43	290693	70.127	ug/L	97
25) Chloroform	7.67	83	382686	19.719	ug/L	99
30) Cyclohexane	7.95	56	363257	24.912	ug/L	100
34) Benzene	8.32	78	1702813	44.802	ug/L	100
35) Trichloroethene	9.09	95	558736	56.539	ug/L	99
44) Toluene	10.39	91	2250461	55.812	ug/L	99

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46) 1,1,2-Trichloroethane	10.79	97	156015	19.901	ug/L	98
47) Tetrachloroethene	10.86	164	86060	11.148	ug/L	97
52) Chlorobenzene	11.66	112	341445	12.977	ug/L	98
53) Ethylbenzene	11.73	91	1231791	27.332	ug/L	99
54) m,p-Xylene	11.85	106	561148	34.040	ug/L	100
55) o-xylene	12.17	106	438044	27.705	ug/L	98
56) Styrene	12.18	104	320030	11.562	ug/L	95
57) Isopropylbenzene	12.47	105	961488	22.831	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	120530	11.687	ug/L	100
62) Bromoform	12.35	173	64685	11.228	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	425039	21.444	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	216624	10.170	ug/L	96
68) 1,2,4-trichlorobenzene	15.14	180	236336	19.871	ug/L	97
70) 1,2,3-Trichlorobenzene	15.56	180	353723	31.170	ug/L	100

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

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