Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032619\

Quantitation Report (QT Reviewed)

Data File : VV009892.D
Acq On : 26 Mar 2019 13:16
Operator : SY/MD
Sample : VSTD05063
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05063

Quant Time: Mar 26 14:09:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 14:05:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	178439	25.00	ug/L		0.00
28) Chlorobenzene-d5	8.90	117	184983	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95867	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	169780	75.63	ug/L		0.00
7) Chloroethane-d5	1.57	69	170492	58.41	ug/L		0.00
10) 1,1-Dichloroethene-d2	2.13	63	465405	78.40	ug/L		0.00
20) 2-Butanone-d5	3.93	46	71150	105.20	ug/L		0.00
24) Chloroform-d	4.40	84	206475	47.71	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.08	65	137874	57.59	ug/L		0.00
29) Benzene-d6	5.10	84	474964	48.30	ug/L		0.00
33) 1,2-Dichloropropane-d6	6.12	67	142152	49.33	ug/L		0.00
37) Toluene-d8	7.36	98	468628	49.68	ug/L		0.00
38) trans-1,3-Dichloropropene-	7.66	79	63999	44.43	ug/L		0.00
39) 2-Hexanone-d5	8.13	63	59964	98.32	ug/L		0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	143034	50.82	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	178236	50.19	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.14	85	122988	54.449	ug/L		99
3) Chloromethane	1.25	50	138900	57.935	ug/L		99
5) Vinyl chloride	1.33	62	195696	73.468	ug/L		99
6) Bromomethane	1.51	94	175226	61.166	ug/L		98
8) Chloroethane	1.59	64	148625	65.436	ug/L		98
9) Trichlorofluoromethane	1.76	101	413537	76.993	ug/L		99
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	238128	79.903	ug/L		99
12) 1,1-Dichloroethene	2.14	96	205135	80.052	ug/L		90
13) Acetone	2.19	43	91045	117.743	ug/L		98
14) Carbon disulfide	2.32	76	287306	43.152	ug/L		100
15) Methyl Acetate	2.46	43	59568	58.301	ug/L		94
16) Methylene chloride	2.53	84	122023	50.487	ug/L		98
17) Methyl tert-butyl Ether	2.80	73	289529	51.924	ug/L		98
18) trans-1,2-Dichloroethene	2.79	96	111902	50.243	ug/L		98
19) 1,1-Dichloroethane	3.23	63	206273	52.133	ug/L		99
21) 2-Butanone	4.01	43	91914	95.386	ug/L		99
22) cis-1,2-Dichloroethene	3.96	96	130232	52.009	ug/L		91
23) Bromochloromethane	4.30	128	58746	52.277	ug/L		95
25) Chloroform	4.42	83	252796	58.710	ug/L		100
27) 1,2-Dichloroethane	5.18	62	162657	54.610	ug/L		99
30) Cyclohexane	4.73	56	178345	40.700	ug/L		99
31) 1,1,1-Trichloroethane	4.66	97	178045	40.527	ug/L		99
32) Carbon tetrachloride	4.88	117	157984	42.164	ug/L		99
34) Benzene	5.15	78	479891	46.529	ug/L		100
35) Trichloroethene	5.96	95	122356	42.858	ug/L		98
36) Methylcyclohexane	6.18	83	198455	39.812	ug/L		99
40) 1,2-Dichloropropane	6.22	63	124029	48.407	ug/L	#	95
41) Bromodichloromethane	6.55	83	160976	44.179	ug/L		99
42) cis-1,3-Dichloropropene	7.07	75	190410	46.770	ug/L		97
43) 4-Methyl-2-pentanone	7.27	43	184945	100.960	ug/L		100

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Quant Title : VOC Analysis
QLast Update : Tue Mar 26 14:05:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) Toluene	7.43	91	552054	47.857	ug/L		98
45) trans-1,3-Dichloropropene	7.69	75	167045	45.259	ug/L		97
46) 1,1,2-Trichloroethane	7.88	97	101727	48.065	ug/L		98
47) Tetrachloroethene	8.02	164	97704	46.203	ug/L		96
49) 2-Hexanone	8.18	43	131095	85.708	ug/L		94
50) Dibromochloromethane	8.29	129	117858	44.520	ug/L		95
51) 1,2-Dibromoethane	8.40	107	103979	48.802	ug/L		95
52) Chlorobenzene	8.93	112	358904	48.035	ug/L		98
53) Ethylbenzene	9.05	91	628087	47.606	ug/L		99
54) m,p-Xylene	9.18	106	243957	47.468	ug/L		93
55) o-xylene	9.59	106	247873	50.870	ug/L		96
56) Styrene	9.60	104	439806	53.811	ug/L		96
57) Isopropylbenzene	9.97	105	636248	47.793	ug/L		100
58) 1,1,2,2-Tetrachloroethane	10.29	83	145629	50.601	ug/L	#	99
59) 1,2,3-Trichloropropane	10.32	75	101934	49.729	ug/L		98
62) Bromoform	9.77	173	63703	37.015	ug/L		100
63) 1,3-Dichlorobenzene	11.23	146	278764	45.299	ug/L		99
64) 1,4-Dichlorobenzene	11.32	146	294652	47.970	ug/L		98
65) 1,2-Dichlorobenzene	11.69	146	276604	47.840	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.48	75	18791	32.916	ug/L		94
67) 1,3,5-Trichlorobenzene	12.69	180	202517	46.607	ug/L		98
68) 1,2,4-trichlorobenzene	13.31	180	166605	49.390	ug/L		99
69) Naphthalene	13.55	128	317023	46.415	ug/L		98
70) 1,2,3-Trichlorobenzene	13.79	180	155465	49.719	ug/L		99

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

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Instrument :
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Quant Time: Mar 26 14:09:46 2019
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