Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110119\

Quantitation Report (QT Reviewed)

Data File : VV013463.D
Acq On : 01 Nov 2019 11:39
Operator : SY/MD
Sample : VSTD05065
Misc : 5.00G/10.0ML/MSVOA_V/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05065

Quant Time: Nov 02 02:16:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM110119S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 02 03:13:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	764700	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	730980	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	402682	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	548497	46.89	ug/L	0.00
7) Chloroethane-d5	1.57	69	419420	45.18	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	934339	48.00	ug/L	0.00
20) 2-Butanone-d5	3.92	46	497909	120.05	ug/L	-0.02
24) Chloroform-d	4.39	84	1099543	51.97	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.07	65	632859	51.74	ug/L	0.00
29) Benzene-d6	5.09	84	2222214	53.92	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.11	67	657771	50.88	ug/L	0.00
37) Toluene-d8	7.35	98	2027956	54.55	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	298655	54.89	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	346318	134.79	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	622836	52.02	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	791499	50.48	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	533414	61.980	ug/L	100
3) Chloromethane	1.25	50	581545	53.307	ug/L	98
5) Vinyl chloride	1.32	62	571522	53.173	ug/L	99
6) Bromomethane	1.52	94	276103	42.581	ug/L	96
8) Chloroethane	1.59	64	329482	51.206	ug/L	98
9) Trichlorofluoromethane	1.76	101	781293	53.522	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	467076	50.226	ug/L	99
12) 1,1-Dichloroethene	2.14	96	442903	51.467	ug/L	95
13) Acetone	2.18	43	370841	87.477	ug/L	98
14) Carbon disulfide	2.31	76	1751404	60.928	ug/L	99
15) Methyl Acetate	2.45	43	424991	61.241	ug/L	98
16) Methylene chloride	2.53	84	618704	53.265	ug/L	98
17) Methyl tert-butyl Ether	2.80	73	1520725	58.962	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	597484	56.938	ug/L	98
19) 1,1-Dichloroethane	3.22	63	1088237	56.837	ug/L	99
21) 2-Butanone	4.00	43	609813	121.386	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	648956	57.084	ug/L	98
23) Bromochloromethane	4.29	128	306568	54.838	ug/L	100
25) Chloroform	4.42	83	1097051	55.018	ug/L	100
27) 1,2-Dichloroethane	5.17	62	785017	55.921	ug/L	100
30) Cyclohexane	4.72	56	1038967	63.559	ug/L	98
31) 1,1,1-Trichloroethane	4.65	97	920223	60.956	ug/L	99
32) Carbon tetrachloride	4.87	117	831095	60.739	ug/L	100
34) Benzene	5.14	78	2422915	58.275	ug/L	100
35) Trichloroethene	5.96	95	644164	55.873	ug/L	99
36) Methylcyclohexane	6.17	83	1056970	59.385	ug/L	100
40) 1,2-Dichloropropane	6.22	63	604893	56.217	ug/L	100
41) Bromodichloromethane	6.55	83	792805	57.612	ug/L	99
42) cis-1,3-Dichloropropene	7.06	75	967220	61.607	ug/L	97
43) 4-Methyl-2-pentanone	7.27	43	1125478	126.460	ug/L	98

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Quant Title : VOC Analysis
QLast Update : Sat Nov 02 03:13:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	2521885	57.981	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	794703	59.494	ug/L	99
46) 1,1,2-Trichloroethane	7.88	97	479224	53.355	ug/L	98
47) Tetrachloroethene	8.02	164	539268	56.850	ug/L	98
49) 2-Hexanone	8.18	43	840556	127.216	ug/L	99
50) Dibromochloromethane	8.29	129	581690	55.735	ug/L	99
51) 1,2-Dibromoethane	8.39	107	495788	55.858	ug/L	100
52) Chlorobenzene	8.92	112	1646952	54.822	ug/L	100
53) Ethylbenzene	9.05	91	2801517	58.067	ug/L	99
54) m,p-Xylene	9.18	106	1063157	58.201	ug/L	99
55) o-xylene	9.58	106	1030613	59.714	ug/L	97
56) Styrene	9.60	104	1807406	59.613	ug/L	98
57) Isopropylbenzene	9.97	105	2783101	60.519	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	632826	57.054	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	521751	56.742	ug/L	100
62) Bromoform	9.77	173	402834	57.717	ug/L	100
63) 1,3-Dichlorobenzene	11.22	146	1401740	55.759	ug/L	99
64) 1,4-Dichlorobenzene	11.31	146	1393380	53.157	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	1292512	54.265	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	119950	57.662	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	1157771	58.505	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	993324	58.321	ug/L	98
69) Naphthalene	13.55	128	2062332	61.133	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	922396	56.318	ug/L	98

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

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