Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012720\
Data File : VW014760.D
Acq On : 27 Jan 2020 10:24
Operator : SY/VA
Sample : VSTD00504
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD00504

Quant Time: Jan 27 12:21:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 27 12:18:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1033549	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	932774	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	440556	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	74365	5.10	ug/L	0.00
7) Chloroethane-d5	2.89	69	53109	4.95	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	122270	4.59	ug/L	0.00
20) 2-Butanone-d5	7.08	46	26399	7.61	ug/L	0.01
24) Chloroform-d	7.65	84	97477	4.10	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	51905	4.21	ug/L	0.00
29) Benzene-d6	8.27	84	197306	3.98	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	60233	4.04	ug/L	0.00
37) Toluene-d8	10.32	98	169311	3.77	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	23586	3.83	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	17080	6.70	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	44200	3.95	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	55070	3.79	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	59475	6.433	ug/L	99
3) Chloromethane	2.21	50	65063	6.224	ug/L	99
5) Vinyl chloride	2.36	62	106191	7.140	ug/L	93
6) Bromomethane	2.78	94	57444	6.614	ug/L	98
8) Chloroethane	2.92	64	58636	7.050	ug/L	98
9) Trichlorofluoromethane	3.25	101	48312	6.141	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	73695	5.457	ug/L	99
12) 1,1-Dichloroethene	4.04	96	70720	5.348	ug/L	88
13) Acetone	4.12	43	45155	9.407	ug/L	97
14) Carbon disulfide	4.38	76	235195	5.760	ug/L	99
15) Methyl Acetate	4.67	43	39001	6.021	ug/L	97
16) Methylene chloride	4.92	84	85494	5.073	ug/L	99
17) Methyl tert-butyl Ether	5.42	73	93561	5.496	ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	75247	5.401	ug/L	98
19) 1,1-Dichloroethane	6.21	63	140925	5.596	ug/L	99
21) 2-Butanone	7.17	43	49809	9.671	ug/L	83
22) cis-1,2-Dichloroethene	7.17	96	77008	5.252	ug/L	94
23) Bromochloromethane	7.51	128	34384	5.417	ug/L	96
25) Chloroform	7.67	83	133615	5.547	ug/L	98
27) 1,2-Dichloroethane	8.40	62	89687	5.736	ug/L	99
30) Cyclohexane	7.95	56	120410	5.046	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	106507	5.566	ug/L	99
32) Carbon tetrachloride	8.07	117	96303	5.402	ug/L	99
34) Benzene	8.32	78	310371	5.529	ug/L	100
35) Trichloroethene	9.09	95	77408	5.343	ug/L	97
36) Methylcyclohexane	9.33	83	127889	5.032	ug/L	99
40) 1,2-Dichloropropane	9.37	63	80465	5.664	ug/L	98
41) Bromodichloromethane	9.64	83	92584	5.418	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	105148	4.954	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	94039	10.311	ug/L	99

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Quant Title : VOC Analysis
QLast Update : Mon Jan 27 12:18:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	309403	5.274	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	87988	5.185	ug/L	93
46) 1,1,2-Trichloroethane	10.79	97	54506	5.416	ug/L	99
47) Tetrachloroethene	10.86	164	63107	5.188	ug/L	95
49) 2-Hexanone	10.97	43	65819	10.568	ug/L	96
50) Dibromochloromethane	11.13	129	58644	5.132	ug/L	98
51) 1,2-Dibromoethane	11.23	107	50637	5.331	ug/L	97
52) Chlorobenzene	11.65	112	194836	5.254	ug/L	99
53) Ethylbenzene	11.73	91	329595	5.110	ug/L	98
54) m,p-Xylene	11.84	106	123516	5.061	ug/L	97
55) o-xylene	12.16	106	115719	5.019	ug/L	98
56) Styrene	12.18	104	195586	5.041	ug/L	98
57) Isopropylbenzene	12.46	105	309372	5.045	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	66482	5.441	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	49078	5.362	ug/L	97
62) Bromoform	12.35	173	33348	5.066	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	144309	5.174	ug/L	99
64) 1,4-Dichlorobenzene	13.57	146	148644	5.285	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	131408	5.256	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	10065	5.436	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	98105	4.748	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	67884	4.383	ug/L	100
69) Naphthalene	15.36	128	111091	4.155	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	64505	4.596	ug/L	100

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

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