Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012720\
Data File : VW014761.D
Acq On : 27 Jan 2020 11:33
Operator : SY/VA
Sample : VSTD02505
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 27 12:15:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 27 08:51:33 2020
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : VSTD02505

Manual Integrations APPROVED
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1/28/2020 1:57:38 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1035691	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	927495	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	452930	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	418749	28.68	ug/L	0.00
7) Chloroethane-d5	2.89	69	366044	34.03	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	765271	28.66	ug/L	0.00
20) 2-Butanone-d5	7.07	46	205474	59.14	ug/L	0.00
24) Chloroform-d	7.64	84	739249	31.03	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	383570	31.02	ug/L	0.00
29) Benzene-d6	8.27	84	1549198	31.41	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	476591	32.14	ug/L	0.00
37) Toluene-d8	10.32	98	1393215	31.16	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	183424	29.95	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	161672	63.76	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	352216	31.63	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	448044	30.02	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	336194	36.286	ug/L	99
3) Chloromethane	2.21	50	328762	31.387	ug/L	100
5) Vinyl chloride	2.36	62	490218	32.892	ug/L	100
6) Bromomethane	2.78	94	260590	29.943	ug/L	99
8) Chloroethane	2.92	64	263131	31.573	ug/L	98
9) Trichlorofluoromethane	3.26	101	243694	30.913	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	347186	25.655	ug/L	97
12) 1,1-Dichloroethene	4.04	96	342869m	25.873	ug/L	
13) Acetone	4.11	43	207155	43.066	ug/L	99
14) Carbon disulfide	4.38	76	1119344	27.358	ug/L	99
15) Methyl Acetate	4.67	43	157387	24.248	ug/L	99
16) Methylene chloride	4.91	84	362436	21.461	ug/L	95
17) Methyl tert-butyl Ether	5.42	73	427342	25.053	ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	351116	25.152	ug/L	98
19) 1,1-Dichloroethane	6.21	63	648541	25.700	ug/L	100
21) 2-Butanone	7.16	43	247315	47.922	ug/L	97
22) cis-1,2-Dichloroethene	7.16	96	368969	25.110	ug/L	97
23) Bromochloromethane	7.51	128	152973	24.048	ug/L	93
25) Chloroform	7.67	83	607586	25.173	ug/L	100
27) 1,2-Dichloroethane	8.40	62	390019	24.892	ug/L	97
30) Cyclohexane	7.95	56	645687	27.215	ug/L	97
31) 1,1,1-Trichloroethane	7.87	97	484520	25.466	ug/L	98
32) Carbon tetrachloride	8.06	117	454598	25.645	ug/L	99
34) Benzene	8.32	78	1432452	25.664	ug/L	100
35) Trichloroethene	9.09	95	360653	25.036	ug/L	98
36) Methylcyclohexane	9.33	83	657676	26.024	ug/L	97
40) 1,2-Dichloropropane	9.37	63	357084	25.276	ug/L	100
41) Bromodichloromethane	9.64	83	422897	24.887	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	541767	25.672	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	423068	46.650	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) Toluene	10.38	91	1484888	25.457 ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	427209	25.317 ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	234263	23.411 ug/L	99
47) Tetrachloroethene	10.86	164	290015	23.977 ug/L	99
49) 2-Hexanone	10.96	43	334059	53.942 ug/L	98
50) Dibromochloromethane	11.13	129	271093	23.859 ug/L	92
51) 1,2-Dibromoethane	11.23	107	219764	23.266 ug/L	97
52) Chlorobenzene	11.65	112	899979	24.408 ug/L	98
53) Ethylbenzene	11.73	91	1631098	25.433 ug/L	98
54) m,p-Xylene	11.83	106	614160	25.306 ug/L	96
55) o-xylene	12.16	106	581491	25.367 ug/L	100
56) Styrene	12.18	104	990969	25.684 ug/L	99
57) Isopropylbenzene	12.46	105	1628308	26.704 ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	296814	24.430 ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	221607	24.349 ug/L	99
62) Bromoform	12.35	173	156651	23.145 ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	690643	24.085 ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	684772	23.683 ug/L	98
65) 1,2-Dichlorobenzene	13.86	146	622406	24.212 ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	41993	22.060 ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	524722	24.702 ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	405245	25.449 ug/L	99
69) Naphthalene	15.36	128	710950	25.862 ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	371488	25.745 ug/L	98

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

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