Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082218\
Data File : VW004887.D
Acq On : 22 Aug 2018 16:28
Operator : SY/AP
Sample : VSTD02583
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02583

Quant Time: Aug 22 16:55:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 22 14:02:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	748407	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	747438	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	388744	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	301479	32.39	ug/L	-0.01
7) Chloroethane-d5	2.89	69	229572	29.32	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	411621	21.77	ug/L	0.00
20) 2-Butanone-d5	7.09	46	131078	31.94	ug/L	0.00
24) Chloroform-d	7.66	84	400017	19.74	ug/L	0.01
26) 1,2-Dichloroethane-d4	8.31	65	221725	19.63	ug/L	0.00
29) Benzene-d6	8.29	84	984176	24.75	ug/L	0.01
33) 1,2-Dichloropropane-d6	9.28	67	296180	22.79	ug/L	0.00
37) Toluene-d8	10.33	98	1038104	29.61	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	124452	23.29	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	141654	44.78	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	280331	19.89	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	380919	26.09	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	326143	41.91	ug/L	93
3) Chloromethane	2.22	50	357732	34.81	ug/L	98
5) Vinyl chloride	2.36	62	369911	27.58	ug/L	98
6) Bromomethane	2.78	94	197415	25.45	ug/L	99
8) Chloroethane	2.92	64	206778	25.70	ug/L	97
9) Trichlorofluoromethane	3.26	101	382308	62.49	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	233088	21.94	ug/L	98
12) 1,1-Dichloroethene	4.04	96	207076	19.95	ug/L	94
13) Acetone	4.15	43	86266	24.26	ug/L	97
14) Carbon disulfide	4.39	76	831419	26.12	ug/L	99
15) Methyl Acetate	4.69	43	114648	15.82	ug/L	100
16) Methylene chloride	4.92	84	300180	20.19	ug/L	98
17) Methyl tert-butyl Ether	5.44	73	479615	34.14	ug/L	97
18) trans-1,2-Dichloroethene	5.43	96	218186	20.56	ug/L	96
19) 1,1-Dichloroethane	6.23	63	394237	19.58	ug/L	96
21) 2-Butanone	7.19	43	149059	30.62	ug/L	96
22) cis-1,2-Dichloroethene	7.18	96	234411	20.24	ug/L	97
23) Bromochloromethane	7.52	128	122596	22.11	ug/L	93
25) Chloroform	7.68	83	397587	19.34	ug/L	99
27) 1,2-Dichloroethane	8.41	62	266149	19.27	ug/L	99
30) Cyclohexane	7.96	56	438096	24.78	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	368778	23.22	ug/L	98
32) Carbon tetrachloride	8.07	117	325355	21.26	ug/L	98
34) Benzene	8.33	78	1092730	23.71	ug/L	100
35) Trichloroethene	9.10	95	265727	22.92	ug/L	97
36) Methylcyclohexane	9.34	83	491889	24.17	ug/L	98
40) 1,2-Dichloropropane	9.37	63	270647	22.17	ug/L	99
41) Bromodichloromethane	9.65	83	297994	20.33	ug/L	100
42) cis-1,3-Dichloropropene	10.08	75	383960	23.00	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	386941	42.28	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) Toluene	10.40	91	1291153	27.84 ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	344150	22.93 ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	206453	21.76 ug/L	98
47) Tetrachloroethene	10.87	164	254062	27.70 ug/L	98
49) 2-Hexanone	10.98	43	305556	44.43 ug/L	98
50) Dibromochloromethane	11.13	129	232545	22.09 ug/L	99
51) 1,2-Dibromoethane	11.24	107	201526	22.16 ug/L	99
52) Chlorobenzene	11.66	112	826972	26.37 ug/L	99
53) Ethylbenzene	11.74	91	1440200	27.64 ug/L	100
54) m,p-Xylene	11.85	106	562694	28.94 ug/L	98
55) o-xylene	12.17	106	529526	28.74 ug/L	96
56) Styrene	12.19	104	923984	28.78 ug/L	98
57) Isopropylbenzene	12.47	105	1412878	28.33 ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	285746	20.75 ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	220107	21.40 ug/L	100
62) Bromoform	12.35	173	150554	21.31 ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	644277	26.63 ug/L	97
64) 1,4-Dichlorobenzene	13.59	146	670358	25.79 ug/L	100
65) 1,2-Dichlorobenzene	13.88	146	630742	26.02 ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	49054	19.70 ug/L	89
67) 1,3,5-Trichlorobenzene	14.64	180	517768	27.00 ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	426496	27.49 ug/L	99
69) Naphthalene	15.38	128	894902	25.30 ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	412926	27.33 ug/L	99

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

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