Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW083118\
Data File : VW005043.D
Acq On : 31 Aug 2018 14:47
Operator : SY/AP
Sample : VSTD02589
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02589

Quant Time: Aug 31 15:19:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM083118S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 31 14:18:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	677958	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	686829	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	364098	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	234822	18.33	ug/L	0.00
7) Chloroethane-d5	2.89	69	180169	18.96	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	325732	19.91	ug/L	0.00
20) 2-Butanone-d5	7.09	46	132611	50.85	ug/L	0.00
24) Chloroform-d	7.65	84	351734	23.37	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	194251	23.75	ug/L	0.00
29) Benzene-d6	8.28	84	815246	23.08	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	231625	22.31	ug/L	0.00
37) Toluene-d8	10.33	98	853956	22.82	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	104599	23.42	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	124034	48.23	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	238693	22.89	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	332004	22.70	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	220536	17.29	ug/L	99
3) Chloromethane	2.21	50	240183	16.62	ug/L	99
5) Vinyl chloride	2.36	62	244359	16.69	ug/L	100
6) Bromomethane	2.77	94	138440	18.05	ug/L	100
8) Chloroethane	2.92	64	144217	17.63	ug/L	98
9) Trichlorofluoromethane	3.26	101	268677	18.14	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	182104	20.55	ug/L	97
12) 1,1-Dichloroethene	4.04	96	151095	19.14	ug/L	97
13) Acetone	4.14	43	75144	37.20	ug/L	99
14) Carbon disulfide	4.39	76	539643	16.50	ug/L	99
15) Methyl Acetate	4.68	43	103009	22.55	ug/L	95
16) Methylene chloride	4.92	84	225280	17.14	ug/L	93
17) Methyl tert-butyl Ether	5.44	73	386131	22.65	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	172275	20.96	ug/L	100
19) 1,1-Dichloroethane	6.23	63	298356	19.89	ug/L	96
21) 2-Butanone	7.18	43	127987	41.15	ug/L	99
22) cis-1,2-Dichloroethene	7.18	96	188201	21.22	ug/L	95
23) Bromochloromethane	7.53	128	91323	19.50	ug/L	92
25) Chloroform	7.68	83	312652	20.79	ug/L	100
27) 1,2-Dichloroethane	8.41	62	208406	21.14	ug/L	99
30) Cyclohexane	7.96	56	284523	19.46	ug/L	96
31) 1,1,1-Trichloroethane	7.88	97	276444	20.90	ug/L	99
32) Carbon tetrachloride	8.07	117	247465	20.91	ug/L	100
34) Benzene	8.33	78	782561	19.98	ug/L	100
35) Trichloroethene	9.10	95	195317	20.06	ug/L	97
36) Methylcyclohexane	9.34	83	345988	19.21	ug/L	98
40) 1,2-Dichloropropane	9.38	63	192536	19.99	ug/L	99
41) Bromodichloromethane	9.65	83	229277	21.60	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	281777	21.07	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	291687	41.02	ug/L	97

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44) Toluene	10.40	91	937690	19.94	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	251299	20.72	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	158921	21.14	ug/L	97
47) Tetrachloroethene	10.87	164	190549	19.99	ug/L	97
49) 2-Hexanone	10.98	43	222404	40.47	ug/L	98
50) Dibromochloromethane	11.13	129	179803	21.54	ug/L	99
51) 1,2-Dibromoethane	11.24	107	151316	20.50	ug/L	98
52) Chlorobenzene	11.66	112	614985	19.68	ug/L	98
53) Ethylbenzene	11.74	91	1038076	19.62	ug/L	98
54) m,p-Xylene	11.85	106	415640	20.25	ug/L	96
55) o-xylene	12.17	106	389089	20.28	ug/L	99
56) Styrene	12.19	104	687632	20.86	ug/L	100
57) Isopropylbenzene	12.47	105	1035035	20.20	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	214447	20.01	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	166012	20.10	ug/L	99
62) Bromoform	12.35	173	119365	20.68	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	491640	19.60	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	516809	19.68	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	482384	20.07	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	38631	18.95	ug/L	96
67) 1,3,5-Trichlorobenzene	14.64	180	396015	19.73	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	321915	19.86	ug/L	99
69) Naphthalene	15.38	128	684635	20.78	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	312657	20.48	ug/L	99

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

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