Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW040518\

Quantitation Report (QT Reviewed)

Data File : VW001879.D
Acq On : 05 Apr 2018 14:24
Operator : JC/SY
Sample : VSTD05084
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD05084

Quant Time: Apr 05 14:57:43 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040518S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 05 14:54:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	404938	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	393851	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	206208	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	251331	37.94	ug/L	0.00
7) Chloroethane-d5	2.88	69	190407	38.96	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	590536	42.67	ug/L	0.00
20) 2-Butanone-d5	7.09	46	152461	200.82	ug/L	0.00
24) Chloroform-d	7.65	84	514100	39.76	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	324722	42.63	ug/L	0.00
29) Benzene-d6	8.28	84	1063051	43.65	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	335330	41.76	ug/L	0.00
37) Toluene-d8	10.34	98	1027791	46.54	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	152572	46.12	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	182479	159.93	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.71	84	334495	48.47	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	362106	43.91	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	459894	51.35	ug/L	100
3) Chloromethane	2.22	50	408603	44.76	ug/L	100
5) Vinyl chloride	2.36	62	389325	51.07	ug/L	100
6) Bromomethane	2.76	94	174884	56.85	ug/L	100
8) Chloroethane	2.92	64	206336	50.08	ug/L	94
9) Trichlorofluoromethane	3.26	101	538245	48.94	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	329318	49.69	ug/L	99
12) 1,1-Dichloroethene	4.03	96	302230	51.47	ug/L	100
13) Acetone	4.13	43	171069	76.15	ug/L	99
14) Carbon disulfide	4.37	76	1056025	49.77	ug/L	100
15) Methyl Acetate	4.68	43	224533	58.94	ug/L	98
16) Methylene chloride	4.92	84	332676	39.92	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	746253	57.34	ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	323040	52.46	ug/L	98
19) 1,1-Dichloroethane	6.22	63	599593	50.22	ug/L	98
21) 2-Butanone	7.18	43	297322	113.71	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	345944	55.08	ug/L	95
23) Bromochloromethane	7.52	128	149625	54.24	ug/L	96
25) Chloroform	7.68	83	636585	50.87	ug/L	99
27) 1,2-Dichloroethane	8.40	62	441520	50.00	ug/L	99
30) Cyclohexane	7.96	56	616009	62.27	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	533525	51.49	ug/L	99
32) Carbon tetrachloride	8.07	117	490280	52.05	ug/L	99
34) Benzene	8.33	78	1346042	52.77	ug/L	100
35) Trichloroethene	9.10	95	349051	51.14	ug/L	99
36) Methylcyclohexane	9.34	83	623189	58.23	ug/L	99
40) 1,2-Dichloropropane	9.38	63	351802	49.98	ug/L	100
41) Bromodichloromethane	9.65	83	437765	49.81	ug/L	100
42) cis-1,3-Dichloropropene	10.08	75	541725	57.21	ug/L	99
43) 4-Methyl-2-pentanone	10.22	43	647622	133.48	ug/L	99

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Quant Title : VOC Analysis
QLast Update : Thu Apr 05 14:54:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.40	91	1477891	55.95	ug/L	100
45) trans-1,3-Dichloropropene	10.62	75	478040	56.50	ug/L	98
46) 1,1,2-Trichloroethane	10.80	97	265165	50.77	ug/L	98
47) Tetrachloroethene	10.87	164	281007	53.00	ug/L	99
49) 2-Hexanone	10.98	43	472752	134.18	ug/L	98
50) Dibromochloromethane	11.14	129	315162	52.32	ug/L	99
51) 1,2-Dibromoethane	11.24	107	254481	54.51	ug/L	100
52) Chlorobenzene	11.67	112	897087	51.93	ug/L	97
53) Ethylbenzene	11.74	91	1661862	57.31	ug/L	99
54) m,p-Xylene	11.85	106	619493	58.23	ug/L	98
55) o-xylene	12.18	106	575780	57.82	ug/L	95
56) Styrene	12.20	104	1004873	57.82	ug/L	99
57) Isopropylbenzene	12.48	105	1588455	59.54	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.73	83	368542	54.94	ug/L	96
59) 1,2,3-Trichloropropane	12.78	75	290762	56.03	ug/L	99
62) Bromoform	12.36	173	200773	52.88	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	687140	52.27	ug/L	99
64) 1,4-Dichlorobenzene	13.59	146	725794	50.42	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	672077	51.47	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.50	75	70642	54.37	ug/L	99
67) 1,3,5-Trichlorobenzene	14.65	180	541390	52.98	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	446839	56.05	ug/L	99
69) Naphthalene	15.39	128	1027042	65.60	ug/L	99
70) 1,2,3-Trichlorobenzene	15.58	180	427573	55.85	ug/L	97

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

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