Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041519\
Data File : VW009974.D
Acq On : 15 Apr 2019 15:45
Operator : SY/VA
Sample : VSTD02505
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02505

Quant Time: Apr 15 16:08:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 15 12:19:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	640408	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	620779	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	304969	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	169977	20.28	ug/L	0.00
7) Chloroethane-d5	2.89	69	152654	19.88	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	434760	24.12	ug/L	0.00
20) 2-Butanone-d5	7.08	46	172866	63.53	ug/L	0.00
24) Chloroform-d	7.65	84	464548	26.58	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	288325	26.88	ug/L	0.00
29) Benzene-d6	8.27	84	874806	26.84	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	272640	27.09	ug/L	0.00
37) Toluene-d8	10.32	98	812245	26.96	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	133722	27.86	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	136735	72.07	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	261981	28.00	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	286043	26.73	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	236790	28.069	ug/L	87
3) Chloromethane	2.22	50	210117	24.101	ug/L	99
5) Vinyl chloride	2.37	62	214590	19.190	ug/L	96
6) Bromomethane	2.78	94	144360	18.656	ug/L	98
8) Chloroethane	2.93	64	144364	19.669	ug/L	100
9) Trichlorofluoromethane	3.26	101	160878	23.452	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	214090	23.993	ug/L	97
12) 1,1-Dichloroethene	4.03	96	206050	24.224	ug/L	96
13) Acetone	4.12	43	144503	49.566	ug/L	97
14) Carbon disulfide	4.39	76	612724	23.175	ug/L	99
15) Methyl Acetate	4.67	43	150023	28.223	ug/L	97
16) Methylene chloride	4.92	84	245392	21.727	ug/L	97
17) Methyl tert-butyl Ether	5.42	73	294317	25.118	ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	221676	25.059	ug/L	99
19) 1,1-Dichloroethane	6.21	63	440777	25.964	ug/L	97
21) 2-Butanone	7.17	43	210079	56.659	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	247315	26.140	ug/L	98
23) Bromochloromethane	7.51	128	113412	26.128	ug/L	97
25) Chloroform	7.67	83	451747	25.404	ug/L	100
27) 1,2-Dichloroethane	8.40	62	357389	26.573	ug/L	99
30) Cyclohexane	7.95	56	392873	26.814	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	331702	23.554	ug/L	99
32) Carbon tetrachloride	8.06	117	324650	22.994	ug/L	98
34) Benzene	8.32	78	953869	25.539	ug/L	100
35) Trichloroethene	9.09	95	244529	25.017	ug/L	99
36) Methylcyclohexane	9.34	83	412744	25.684	ug/L	98
40) 1,2-Dichloropropane	9.37	63	248436	25.985	ug/L	98
41) Bromodichloromethane	9.64	83	336931	25.540	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	397229	26.818	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	447441	60.248	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	1036929	26.208	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	352842	27.630	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	198026	27.594	ug/L	96
47) Tetrachloroethene	10.86	164	189871	24.664	ug/L	98
49) 2-Hexanone	10.97	43	323353	58.474	ug/L	99
50) Dibromochloromethane	11.13	129	234595	26.608	ug/L	99
51) 1,2-Dibromoethane	11.24	107	191078	26.566	ug/L	98
52) Chlorobenzene	11.66	112	642384	25.223	ug/L	98
53) Ethylbenzene	11.73	91	1160188	25.742	ug/L	99
54) m,p-Xylene	11.84	106	428509	25.705	ug/L	98
55) o-xylene	12.17	106	411139	25.896	ug/L	99
56) Styrene	12.18	104	726667	26.378	ug/L	100
57) Isopropylbenzene	12.46	105	1112733	25.596	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	259322	26.873	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	196603	27.369	ug/L	99
62) Bromoform	12.35	173	139998	26.109	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	469530	24.888	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	502667	24.987	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	470015	26.042	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	48286	27.484	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	348902	24.926	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	290463	25.839	ug/L	99
69) Naphthalene	15.37	128	681566	30.166	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	284846	27.087	ug/L	99

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

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