Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042720\
Data File : VW015349.D
Acq On : 27 Apr 2020 10:09
Operator : SY/VA
Sample : VSTD00501
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD00501

Quant Time: Apr 27 11:11:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042720S.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 27 11:03:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	335304	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.63	117	306239	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	160404	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.35	65	21034	6.90	ug/L		0.00
7) Chloroethane-d5	2.89	69	18798	7.31	ug/L		0.00
10) 1,1-Dichloroethene-d2	4.02	63	38601	5.00	ug/L		0.00
20) 2-Butanone-d5	7.09	46	8709	8.87	ug/L		0.00
24) Chloroform-d	7.65	84	28164	3.76	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.30	65	21269	5.78	ug/L		0.00
29) Benzene-d6	8.27	84	77895	4.71	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.27	67	21332	4.29	ug/L		0.00
37) Toluene-d8	10.32	98	79879	5.09	ug/L		0.00
38) trans-1,3-Dichloropropene-	10.58	79	11168	5.03	ug/L		0.00
39) 2-Hexanone-d5	10.93	63	8008	9.02	ug/L		0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	17875	4.92	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	30550	5.42	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.00	85	25144	7.350	ug/L		99
3) Chloromethane	2.22	50	21221	5.163	ug/L		99
5) Vinyl chloride	2.36	62	24487	6.117	ug/L		99
6) Bromomethane	2.77	94	16640	7.393	ug/L		97
8) Chloroethane	2.92	64	15001	6.570	ug/L		98
9) Trichlorofluoromethane	3.26	101	37490	11.741	ug/L		98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	23163	5.093	ug/L		99
12) 1,1-Dichloroethene	4.04	96	20538	4.657	ug/L	#	85
13) Acetone	4.13	43	6696	9.410	ug/L		99
14) Carbon disulfide	4.38	76	63996	4.622	ug/L		100
15) Methyl Acetate	4.68	43	7517	4.602	ug/L		94
16) Methylene chloride	4.92	84	22384	4.800	ug/L		98
17) Methyl tert-butyl Ether	5.43	73	48745	8.362	ug/L		98
18) trans-1,2-Dichloroethene	5.43	96	22845	5.051	ug/L		100
19) 1,1-Dichloroethane	6.22	63	34831	4.537	ug/L		99
21) 2-Butanone	7.18	43	10352	9.035	ug/L		94
22) cis-1,2-Dichloroethene	7.17	96	23010	4.870	ug/L		98
23) Bromochloromethane	7.52	128	11053	5.622	ug/L		92
25) Chloroform	7.68	83	50475	6.756	ug/L		99
27) 1,2-Dichloroethane	8.40	62	25187	5.641	ug/L		98
30) Cyclohexane	7.96	56	33326	4.017	ug/L		99
31) 1,1,1-Trichloroethane	7.88	97	39054	5.750	ug/L		98
32) Carbon tetrachloride	8.07	117	34208	5.500	ug/L		98
34) Benzene	8.32	78	82253	4.378	ug/L		100
35) Trichloroethene	9.09	95	24230	4.982	ug/L		99
36) Methylcyclohexane	9.34	83	40143	4.473	ug/L		98
40) 1,2-Dichloropropane	9.37	63	19120	4.197	ug/L		99
41) Bromodichloromethane	9.65	83	29090	5.115	ug/L		95
42) cis-1,3-Dichloropropene	10.07	75	33420	4.664	ug/L		97
43) 4-Methyl-2-pentanone	10.21	43	20854	7.909	ug/L		99

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44) Toluene	10.38	91	95160	4.772 ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	29161	4.810 ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	16239	5.037 ug/L	96
47) Tetrachloroethene	10.86	164	21918	5.934 ug/L	97
49) 2-Hexanone	10.97	43	14869	8.543 ug/L	98
50) Dibromochloromethane	11.13	129	20954	5.525 ug/L	93
51) 1,2-Dibromoethane	11.24	107	16407	5.415 ug/L	95
52) Chlorobenzene	11.66	112	64072	5.206 ug/L	98
53) Ethylbenzene	11.73	91	111595	4.991 ug/L	97
54) m,p-Xylene	11.84	106	44426	5.161 ug/L	95
55) o-xylene	12.16	106	42407	5.145 ug/L	98
56) Styrene	12.18	104	70745	5.137 ug/L	100
57) Isopropylbenzene	12.46	105	115007	5.194 ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	17457	4.720 ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	13318	4.896 ug/L	90
62) Bromoform	12.35	173	13208	5.324 ug/L	96
63) 1,3-Dichlorobenzene	13.50	146	53863	5.114 ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	54032	5.247 ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	48534	5.195 ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.48	75	3246	4.585 ug/L	89
67) 1,3,5-Trichlorobenzene	14.63	180	40131	5.582 ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	31408	5.312 ug/L	99
69) Naphthalene	15.36	128	52260	4.422 ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	27147	5.368 ug/L	96

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

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