Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090320\
Data File : VW016440.D
Acq On : 03 Sep 2020 11:58
Operator : SY/VA
Sample : VSTD00504
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD00504

Quant Time: Sep 03 13:33:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 03 13:30:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	951923	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.63	117	866705	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	408159	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.36	65	55417	5.39	ug/L		0.00
7) Chloroethane-d5	2.90	69	50206	6.19	ug/L		0.00
10) 1,1-Dichloroethene-d2	4.03	63	123508	5.10	ug/L		0.00
20) 2-Butanone-d5	7.08	46	34557	11.40	ug/L		0.00
24) Chloroform-d	7.65	84	112653	4.57	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.31	65	61701	4.86	ug/L		0.00
29) Benzene-d6	8.28	84	222865	4.63	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.28	67	63531	4.72	ug/L		0.00
37) Toluene-d8	10.33	98	211841	4.69	ug/L		0.00
38) trans-1,3-Dichloropropene-	10.58	79	32799	5.04	ug/L		0.00
39) 2-Hexanone-d5	10.93	63	24191	10.56	ug/L		0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	52208	4.69	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	70147	4.59	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.02	85	51642	4.838	ug/L		98
3) Chloromethane	2.22	50	44428	5.142	ug/L		99
5) Vinyl chloride	2.37	62	58734	5.096	ug/L		100
6) Bromomethane	2.79	94	42879	5.562	ug/L		99
8) Chloroethane	2.93	64	34749	5.307	ug/L		90
9) Trichlorofluoromethane	3.26	101	44809	3.810	ug/L		98
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	53743	4.134	ug/L	#	87
12) 1,1-Dichloroethene	4.04	96	57415	4.532	ug/L	#	80
13) Acetone	4.13	43	22472	9.588	ug/L		98
14) Carbon disulfide	4.39	76	177731	4.692	ug/L		98
15) Methyl Acetate	4.68	43	27735	5.613	ug/L		99
16) Methylene chloride	4.92	84	75274	4.323	ug/L		95
17) Methyl tert-butyl Ether	5.43	73	90000	4.876	ug/L		98
18) trans-1,2-Dichloroethene	5.43	96	62300	4.680	ug/L		98
19) 1,1-Dichloroethane	6.23	63	105449	4.792	ug/L		96
21) 2-Butanone	7.18	43	42545	12.186	ug/L		94
22) cis-1,2-Dichloroethene	7.17	96	63388	4.538	ug/L		94
23) Bromochloromethane	7.52	128	30324	4.751	ug/L		97
25) Chloroform	7.68	83	109992	4.691	ug/L		98
27) 1,2-Dichloroethane	8.40	62	73116	4.916	ug/L		98
30) Cyclohexane	7.96	56	103690	5.355	ug/L		99
31) 1,1,1-Trichloroethane	7.88	97	93696	4.529	ug/L		99
32) Carbon tetrachloride	8.07	117	89116	4.511	ug/L		96
34) Benzene	8.33	78	237135	4.747	ug/L		100
35) Trichloroethene	9.09	95	63235	4.479	ug/L		98
36) Methylcyclohexane	9.34	83	112383	4.832	ug/L		97
40) 1,2-Dichloropropane	9.37	63	58016	4.893	ug/L	#	96
41) Bromodichloromethane	9.65	83	81636	4.902	ug/L		99
42) cis-1,3-Dichloropropene	10.07	75	98387	5.073	ug/L		99
43) 4-Methyl-2-pentanone	10.21	43	79859	10.916	ug/L		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	263810	4.830	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	86331	5.019	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	45792	4.737	ug/L	98
47) Tetrachloroethene	10.87	164	50981	4.579	ug/L	89
49) 2-Hexanone	10.97	43	54691	11.441	ug/L	99
50) Dibromochloromethane	11.13	129	57055	4.728	ug/L	98
51) 1,2-Dibromoethane	11.24	107	46027	4.845	ug/L	99
52) Chlorobenzene	11.66	112	164284	4.544	ug/L	98
53) Ethylbenzene	11.73	91	295774	4.737	ug/L	100
54) m,p-Xylene	11.84	106	112815	4.718	ug/L	98
55) o-xylene	12.17	106	107404	4.763	ug/L	89
56) Styrene	12.18	104	183831	4.850	ug/L	98
57) Isopropylbenzene	12.47	105	300053	4.807	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	53728	4.765	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	40155	4.804	ug/L	99
62) Bromoform	12.35	173	32840	4.870	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	127730	4.665	ug/L	88
64) 1,4-Dichlorobenzene	13.58	146	128358	4.625	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	118726	4.847	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	10350	5.285	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	87296	4.618	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	78282	5.243	ug/L	98
69) Naphthalene	15.37	128	155491	5.225	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	65168	4.967	ug/L	99

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

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