Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020520\
Data File : VW014870.D
Acq On : 05 Feb 2020 13:22
Operator : SY/VA
Sample : VSTD2.506
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD2.506

Quant Time: Feb 05 14:44:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 05 14:42:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1002959	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.63	117	905085	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	404192	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.35	65	45794	2.92	ug/L		0.00
7) Chloroethane-d5	2.89	69	35463	2.36	ug/L		0.00
10) 1,1-Dichloroethene-d2	4.02	63	81563	2.44	ug/L		0.00
20) 2-Butanone-d5	7.09	46	22090	3.74	ug/L		0.01
24) Chloroform-d	7.65	84	78140	2.45	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.30	65	42884	2.39	ug/L		0.00
29) Benzene-d6	8.27	84	159889	2.51	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.27	67	50928	2.44	ug/L		0.00
37) Toluene-d8	10.32	98	133321	2.39	ug/L		0.00
38) trans-1,3-Dichloropropene-	10.57	79	17991	2.17	ug/L		0.00
39) 2-Hexanone-d5	10.92	63	13571	3.32	ug/L		0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	37414	2.30	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	42883	2.53	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	26261	2.079	ug/L		89
3) Chloromethane	2.21	50	41774	2.413	ug/L		100
5) Vinyl chloride	2.36	62	55606	3.195	ug/L		99
6) Bromomethane	2.78	94	28205	2.769	ug/L		97
8) Chloroethane	2.93	64	29924	2.648	ug/L		100
9) Trichlorofluoromethane	3.26	101	21300	2.102	ug/L		99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	36965	2.380	ug/L		95
12) 1,1-Dichloroethene	4.04	96	36563	2.496	ug/L		81
13) Acetone	4.12	43	33332	5.220	ug/L		98
14) Carbon disulfide	4.38	76	113010	2.542	ug/L		98
15) Methyl Acetate	4.68	43	18836	1.971	ug/L	#	85
16) Methylene chloride	4.92	84	66180	3.573	ug/L		98
17) Methyl tert-butyl Ether	5.43	73	44881	2.414	ug/L		98
18) trans-1,2-Dichloroethene	5.43	96	37041	2.464	ug/L		98
19) 1,1-Dichloroethane	6.21	63	75804	2.484	ug/L		97
21) 2-Butanone	7.17	43	29268	4.271	ug/L		100
22) cis-1,2-Dichloroethene	7.16	96	39719	2.557	ug/L		100
23) Bromochloromethane	7.51	128	16483	2.481	ug/L		99
25) Chloroform	7.67	83	69835	2.506	ug/L		99
27) 1,2-Dichloroethane	8.40	62	48241	2.478	ug/L		100
30) Cyclohexane	7.96	56	63095	2.307	ug/L		99
31) 1,1,1-Trichloroethane	7.87	97	54160	2.550	ug/L		99
32) Carbon tetrachloride	8.07	117	47525	2.463	ug/L		99
34) Benzene	8.32	78	163573	2.581	ug/L		100
35) Trichloroethene	9.09	95	39970	2.554	ug/L		98
36) Methylcyclohexane	9.34	83	63319	2.310	ug/L		94
40) 1,2-Dichloropropane	9.37	63	43281	2.532	ug/L		100
41) Bromodichloromethane	9.64	83	47747	2.438	ug/L		99
42) cis-1,3-Dichloropropene	10.07	75	54304	2.282	ug/L		98
43) 4-Methyl-2-pentanone	10.21	43	47812	3.809	ug/L		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) Toluene	10.38	91	156836	2.473 ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	42972	2.195 ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	27275	2.411 ug/L	99
47) Tetrachloroethene	10.86	164	29604	2.535 ug/L	97
49) 2-Hexanone	10.97	43	30545	3.527 ug/L	98
50) Dibromochloromethane	11.13	129	27692	2.277 ug/L	100
51) 1,2-Dibromoethane	11.23	107	24723	2.325 ug/L	98
52) Chlorobenzene	11.66	112	97933	2.532 ug/L	99
53) Ethylbenzene	11.73	91	168116	2.447 ug/L	97
54) m,p-Xylene	11.83	106	59679	2.374 ug/L	96
55) o-xylene	12.16	106	55260	2.359 ug/L	90
56) Styrene	12.18	104	90088	2.259 ug/L	97
57) Isopropylbenzene	12.46	105	148660	2.347 ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	32139	2.165 ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	24656	2.169 ug/L	99
62) Bromoform	12.35	173	14612	2.187 ug/L	98
63) 1,3-Dichlorobenzene	13.49	146	68680	2.533 ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	73393	2.686 ug/L	98
65) 1,2-Dichlorobenzene	13.86	146	64154	2.599 ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.48	75	5242	2.176 ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	47133	2.454 ug/L	94
68) 1,2,4-trichlorobenzene	15.13	180	35892	2.392 ug/L	98
69) Naphthalene	15.36	128	60998	2.003 ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	33678	2.428 ug/L	99

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

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