Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091918\
Data File : VW005522.D
Acq On : 19 Sep 2018 20:04
Operator : SY/AP
Sample : VSTD00597
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD00597

Quant Time: Sep 20 08:00:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091918S.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 17:31:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	378222	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.63	117	356546	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	179230	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.36	65	24440	6.06	ug/L		0.00
7) Chloroethane-d5	2.89	69	18719	5.19	ug/L		0.00
10) 1,1-Dichloroethene-d2	4.01	63	55072	5.51	ug/L		0.00
20) 2-Butanone-d5	7.08	46	18153	10.66	ug/L		0.00
24) Chloroform-d	7.65	84	46436	4.96	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.31	65	28590	5.12	ug/L		0.00
29) Benzene-d6	8.27	84	92869	4.90	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.28	67	27701	4.76	ug/L		0.00
37) Toluene-d8	10.33	98	81716	4.62	ug/L		0.00
38) trans-1,3-Dichloropropene-	10.58	79	12509	4.70	ug/L		0.00
39) 2-Hexanone-d5	10.93	63	11348	8.48	ug/L		0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	25681	5.01	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	29918	4.77	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	27730	5.917	ug/L		97
3) Chloromethane	2.22	50	29695	5.618	ug/L		97
5) Vinyl chloride	2.37	62	30558	6.959	ug/L		98
6) Bromomethane	2.78	94	18912	6.102	ug/L		97
8) Chloroethane	2.93	64	18286	5.862	ug/L		94
9) Trichlorofluoromethane	3.26	101	24575	5.312	ug/L		99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	26385	5.449	ug/L	#	65
12) 1,1-Dichloroethene	4.03	96	25178	5.684	ug/L		91
13) Acetone	4.13	43	19970	12.611	ug/L		98
14) Carbon disulfide	4.38	76	85506	6.288	ug/L		97
15) Methyl Acetate	4.67	43	18359	6.088	ug/L		99
16) Methylene chloride	4.92	84	34315	5.865	ug/L		93
17) Methyl tert-butyl Ether	5.43	73	39783	5.451	ug/L	#	91
18) trans-1,2-Dichloroethene	5.42	96	27338	5.676	ug/L		97
19) 1,1-Dichloroethane	6.21	63	51224	5.471	ug/L		97
21) 2-Butanone	7.18	43	26654	12.513	ug/L		95
22) cis-1,2-Dichloroethene	7.17	96	28732	5.372	ug/L		98
23) Bromochloromethane	7.52	128	13115	5.598	ug/L		89
25) Chloroform	7.68	83	52218	5.532	ug/L		97
27) 1,2-Dichloroethane	8.40	62	39067	5.731	ug/L		98
30) Cyclohexane	7.96	56	46653	5.244	ug/L		99
31) 1,1,1-Trichloroethane	7.87	97	44432	5.632	ug/L		99
32) Carbon tetrachloride	8.07	117	42052	5.615	ug/L		100
34) Benzene	8.33	78	115742	5.552	ug/L		100
35) Trichloroethene	9.09	95	29756	5.540	ug/L		99
36) Methylcyclohexane	9.34	83	50993	5.213	ug/L		98
40) 1,2-Dichloropropane	9.37	63	29434	5.378	ug/L		99
41) Bromodichloromethane	9.65	83	36857	5.513	ug/L		98
42) cis-1,3-Dichloropropene	10.07	75	41356	5.123	ug/L		97
43) 4-Methyl-2-pentanone	10.21	43	45820	10.736	ug/L		100

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44) Toluene	10.39	91	116109	5.307	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	37924	5.207	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	22497	5.606	ug/L	97
47) Tetrachloroethene	10.87	164	24561	5.571	ug/L	99
49) 2-Hexanone	10.98	43	32744	10.674	ug/L	99
50) Dibromochloromethane	11.13	129	25720	5.446	ug/L	98
51) 1,2-Dibromoethane	11.24	107	21208	5.566	ug/L	94
52) Chlorobenzene	11.66	112	76481	5.375	ug/L	98
53) Ethylbenzene	11.74	91	133490	5.247	ug/L	99
54) m,p-Xylene	11.85	106	49413	5.285	ug/L	99
55) o-xylene	12.17	106	46099	5.185	ug/L	98
56) Styrene	12.19	104	77066	5.015	ug/L	98
57) Isopropylbenzene	12.47	105	128391	5.150	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	30705	5.719	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	24865	5.933	ug/L	99
62) Bromoform	12.35	173	16519	5.576	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	60236	5.406	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	61777	5.375	ug/L	97
65) 1,2-Dichlorobenzene	13.88	146	56859	5.447	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	5936	5.893	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	47420	5.449	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	39328	5.482	ug/L	96
69) Naphthalene	15.38	128	76601	5.143	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	36995	5.564	ug/L	99

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

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