Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW113018\
Data File : VW007139.D
Acq On : 30 Nov 2018 12:22
Operator : SY/AP
Sample : VSTD02583
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02583

Quant Time: Nov 30 13:02:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 30 11:08:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	154668	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	145177	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	72465	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	30185	25.07	ug/L	0.00
7) Chloroethane-d5	2.89	69	22371	23.79	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	80078	23.90	ug/L	0.01
20) 2-Butanone-d5	7.09	46	25467	50.39	ug/L	0.00
24) Chloroform-d	7.65	84	74604	26.22	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	42258	21.08	ug/L	0.00
29) Benzene-d6	8.28	84	164059	24.06	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	46048	22.37	ug/L	0.00
37) Toluene-d8	10.33	98	173667	24.25	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	23008	24.32	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	24702	61.45	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	45294	27.17	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	63778	24.39	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	70582	24.928	ug/L	99
3) Chloromethane	2.22	50	48296	26.637	ug/L	97
5) Vinyl chloride	2.37	62	44834	25.634	ug/L	99
6) Bromomethane	2.78	94	24734	27.335	ug/L	99
8) Chloroethane	2.93	64	23280	25.771	ug/L	94
9) Trichlorofluoromethane	3.27	101	81855	25.378	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	47908	24.305	ug/L	99
12) 1,1-Dichloroethene	4.05	96	42760	25.555	ug/L	87
13) Acetone	4.13	43	15181	39.267	ug/L	99
14) Carbon disulfide	4.39	76	148926	25.241	ug/L	96
15) Methyl Acetate	4.68	43	24488	28.011	ug/L	100
16) Methylene chloride	4.93	84	53616	22.970	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	111639	24.766	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	46816	24.779	ug/L	96
19) 1,1-Dichloroethane	6.23	63	77702	25.142	ug/L	98
21) 2-Butanone	7.17	43	28008	46.793	ug/L	97
22) cis-1,2-Dichloroethene	7.18	96	49873	25.229	ug/L	100
23) Bromochloromethane	7.52	128	21353	24.991	ug/L	89
25) Chloroform	7.68	83	81982	21.178	ug/L	98
27) 1,2-Dichloroethane	8.40	62	55945	24.758	ug/L	97
30) Cyclohexane	7.96	56	81532	25.489	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	78437	25.533	ug/L	99
32) Carbon tetrachloride	8.07	117	72069	25.970	ug/L	98
34) Benzene	8.33	78	194013	27.157	ug/L	100
35) Trichloroethene	9.10	95	51998	26.047	ug/L	98
36) Methylcyclohexane	9.34	83	97210	27.383	ug/L	100
40) 1,2-Dichloropropane	9.37	63	45603	25.769	ug/L	100
41) Bromodichloromethane	9.65	83	61041	25.800	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	73710	26.088	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	73825	64.511	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) Toluene	10.39	91	234645	27.867	ug/L		100
45) trans-1,3-Dichloropropene	10.61	75	64977	26.865	ug/L		98
46) 1,1,2-Trichloroethane	10.79	97	36719	27.289	ug/L		97
47) Tetrachloroethene	10.87	164	46722	28.410	ug/L		95
49) 2-Hexanone	10.97	43	51232	59.404	ug/L		98
50) Dibromochloromethane	11.13	129	44666	27.096	ug/L		100
51) 1,2-Dibromoethane	11.24	107	37531	27.852	ug/L	#	97
52) Chlorobenzene	11.66	112	150969	27.198	ug/L		98
53) Ethylbenzene	11.74	91	269126	27.200	ug/L		100
54) m,p-Xylene	11.85	106	103564	26.644	ug/L		99
55) o-xylene	12.17	106	98432	27.188	ug/L		97
56) Styrene	12.18	104	166665	27.529	ug/L		96
57) Isopropylbenzene	12.47	105	271239	27.393	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.72	83	49372	30.969	ug/L		93
59) 1,2,3-Trichloropropane	12.77	75	38781	30.336	ug/L		100
62) Bromoform	12.35	173	26472	29.217	ug/L		97
63) 1,3-Dichlorobenzene	13.51	146	120088	27.075	ug/L		99
64) 1,4-Dichlorobenzene	13.58	146	120654	27.235	ug/L		98
65) 1,2-Dichlorobenzene	13.88	146	111707	27.931	ug/L		98
66) 1,2-Dibromo-3-chloropropan	14.49	75	10043	34.007	ug/L		94
67) 1,3,5-Trichlorobenzene	14.63	180	90362	30.593	ug/L		99
68) 1,2,4-trichlorobenzene	15.14	180	76847	31.528	ug/L		98
69) Naphthalene	15.38	128	175619	34.797	ug/L		100
70) 1,2,3-Trichlorobenzene	15.57	180	68621	32.031	ug/L		99

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

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