Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW083118\
Data File : VW005042.D
Acq On : 31 Aug 2018 14:21
Operator : SY/AP
Sample : VSTD00588
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD00588

Quant Time: Aug 31 15:21:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM083118S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 31 15:21:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	570466	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.64	117	580445	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	300201	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.35	65	49097	4.55	ug/L		0.00
7) Chloroethane-d5	2.88	69	36122	4.52	ug/L		0.00
10) 1,1-Dichloroethene-d2	4.03	63	66346	4.82	ug/L		0.00
20) 2-Butanone-d5	7.09	46	23054	10.51	ug/L		0.00
24) Chloroform-d	7.65	84	64617	5.10	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.31	65	35267	5.12	ug/L		0.00
29) Benzene-d6	8.28	84	146126	4.89	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.28	67	42691	4.87	ug/L		0.00
37) Toluene-d8	10.33	98	138844	4.39	ug/L		0.00
38) trans-1,3-Dichloropropene-	10.58	79	17497	4.64	ug/L		0.00
39) 2-Hexanone-d5	10.93	63	17799	8.19	ug/L		0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	41018	4.65	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	56731	4.70	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.00	85	47077	4.39	ug/L		99
3) Chloromethane	2.22	50	52413	4.31	ug/L		98
5) Vinyl chloride	2.36	62	52413	4.26	ug/L		99
6) Bromomethane	2.76	94	27655	4.29	ug/L		96
8) Chloroethane	2.92	64	35874	5.21	ug/L		97
9) Trichlorofluoromethane	3.26	101	56350	4.52	ug/L		100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	38623	5.18	ug/L		100
12) 1,1-Dichloroethene	4.04	96	31930	4.81	ug/L		90
13) Acetone	4.14	43	22791	13.41	ug/L		99
14) Carbon disulfide	4.39	76	112684	4.09	ug/L		99
15) Methyl Acetate	4.68	43	21338	5.55	ug/L		100
16) Methylene chloride	4.93	84	58171	5.26	ug/L		96
17) Methyl tert-butyl Ether	5.43	73	72529	5.06	ug/L		99
18) trans-1,2-Dichloroethene	5.43	96	35909	5.19	ug/L		94
19) 1,1-Dichloroethane	6.23	63	60059	4.76	ug/L		97
21) 2-Butanone	7.18	43	28479	10.88	ug/L		94
22) cis-1,2-Dichloroethene	7.18	96	36332	4.87	ug/L		97
23) Bromochloromethane	7.52	128	18097	4.59	ug/L		97
25) Chloroform	7.68	83	63265	5.00	ug/L		98
27) 1,2-Dichloroethane	8.41	62	41732	5.03	ug/L		97
30) Cyclohexane	7.96	56	50808	4.11	ug/L		100
31) 1,1,1-Trichloroethane	7.88	97	57746	5.17	ug/L		100
32) Carbon tetrachloride	8.07	117	52236	5.22	ug/L		97
34) Benzene	8.33	78	154524	4.67	ug/L		100
35) Trichloroethene	9.10	95	40161	4.88	ug/L		99
36) Methylcyclohexane	9.34	83	62304	4.09	ug/L		97
40) 1,2-Dichloropropane	9.38	63	38287	4.70	ug/L	#	95
41) Bromodichloromethane	9.65	83	47271	5.27	ug/L		97
42) cis-1,3-Dichloropropene	10.08	75	51223	4.53	ug/L		99
43) 4-Methyl-2-pentanone	10.21	43	50661	8.43	ug/L		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) Toluene	10.39	91	168483	4.24	ug/L		100
45) trans-1,3-Dichloropropene	10.61	75	45579	4.45	ug/L		97
46) 1,1,2-Trichloroethane	10.79	97	31496	4.96	ug/L		98
47) Tetrachloroethene	10.87	164	37418	4.64	ug/L		96
49) 2-Hexanone	10.98	43	35010	7.54	ug/L		99
50) Dibromochloromethane	11.13	129	34192	4.85	ug/L		97
51) 1,2-Dibromoethane	11.24	107	30030	4.81	ug/L		95
52) Chlorobenzene	11.66	112	119923	4.54	ug/L		98
53) Ethylbenzene	11.74	91	185585	4.15	ug/L		99
54) m,p-Xylene	11.85	106	75188	4.33	ug/L		98
55) o-xylene	12.17	106	66548	4.11	ug/L		99
56) Styrene	12.19	104	113790	4.09	ug/L		98
57) Isopropylbenzene	12.47	105	176101	4.07	ug/L		100
58) 1,1,2,2-Tetrachloroethane	12.72	83	41604	4.59	ug/L		99
59) 1,2,3-Trichloropropane	12.77	75	33656	4.82	ug/L		97
62) Bromoform	12.35	173	22810	4.79	ug/L		98
63) 1,3-Dichlorobenzene	13.51	146	92983	4.50	ug/L		99
64) 1,4-Dichlorobenzene	13.58	146	101296	4.68	ug/L		98
65) 1,2-Dichlorobenzene	13.88	146	90974	4.59	ug/L		98
66) 1,2-Dibromo-3-chloropropan	14.49	75	7103	4.23	ug/L	#	80
67) 1,3,5-Trichlorobenzene	14.64	180	76091	4.60	ug/L		100
68) 1,2,4-trichlorobenzene	15.14	180	58211	4.36	ug/L		99
69) Naphthalene	15.38	128	107799	3.97	ug/L		99
70) 1,2,3-Trichlorobenzene	15.57	180	56377	4.48	ug/L		98

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

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