Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW073118\
Data File : VW004360.D
Acq On : 31 Jul 2018 16:11
Operator : SY/AP
Sample : VSTD02598
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02598

Quant Time: Jul 31 16:35:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 31 16:10:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	295710	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.63	117	281001	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	149721	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.36	65	62934	21.14	ug/L		0.02
7) Chloroethane-d5	2.89	69	60602	27.99	ug/L		0.00
10) 1,1-Dichloroethene-d2	4.02	63	145000	20.40	ug/L		0.00
20) 2-Butanone-d5	7.09	46	61324	36.39	ug/L		0.00
24) Chloroform-d	7.65	84	165786	21.90	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.31	65	93649	20.56	ug/L		0.00
29) Benzene-d6	8.27	84	324090	21.76	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.27	67	96707	19.52	ug/L		0.00
37) Toluene-d8	10.33	98	324142	23.03	ug/L		0.00
38) trans-1,3-Dichloropropene-	10.58	79	51478	22.90	ug/L		0.00
39) 2-Hexanone-d5	10.93	63	54271	41.69	ug/L		0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	108137	21.38	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	135402	24.19	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	66857	33.99	ug/L		98
3) Chloromethane	2.22	50	72010	25.93	ug/L		96
5) Vinyl chloride	2.37	62	89673	24.20	ug/L		93
6) Bromomethane	2.78	94	62602	30.16	ug/L		97
8) Chloroethane	2.93	64	63965	32.12	ug/L		100
9) Trichlorofluoromethane	3.26	101	68815	38.38	ug/L		99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	88534	25.06	ug/L		92
12) 1,1-Dichloroethene	4.03	96	83773	24.50	ug/L		82
13) Acetone	4.14	43	51020	29.98	ug/L		95
14) Carbon disulfide	4.38	76	254262	23.09	ug/L		98
15) Methyl Acetate	4.68	43	51817	18.31	ug/L	#	90
16) Methylene chloride	4.92	84	91767	22.13	ug/L		90
17) Methyl tert-butyl Ether	5.43	73	136635	20.13	ug/L		95
18) trans-1,2-Dichloroethene	5.42	96	91998	25.54	ug/L		92
19) 1,1-Dichloroethane	6.21	63	157352	22.43	ug/L		95
21) 2-Butanone	7.18	43	71418	33.30	ug/L		92
22) cis-1,2-Dichloroethene	7.17	96	102217	25.53	ug/L		91
23) Bromochloromethane	7.52	128	48488	25.58	ug/L	#	80
25) Chloroform	7.68	83	168316	23.40	ug/L		99
27) 1,2-Dichloroethane	8.40	62	113716	21.49	ug/L		97
30) Cyclohexane	7.96	56	147936	23.79	ug/L		88
31) 1,1,1-Trichloroethane	7.87	97	146029	25.75	ug/L		96
32) Carbon tetrachloride	8.07	117	141236	25.61	ug/L		100
34) Benzene	8.33	78	367628	22.76	ug/L		100
35) Trichloroethene	9.10	95	101667	23.92	ug/L		96
36) Methylcyclohexane	9.34	83	180766	25.45	ug/L		93
40) 1,2-Dichloropropane	9.37	63	90519	20.64	ug/L		99
41) Bromodichloromethane	9.65	83	123354	22.77	ug/L		99
42) cis-1,3-Dichloropropene	10.08	75	151149	23.69	ug/L		99
43) 4-Methyl-2-pentanone	10.21	43	148081	37.90	ug/L	#	93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) Toluene	10.39	91	414995	24.31	ug/L		98
45) trans-1,3-Dichloropropene	10.61	75	136303	23.30	ug/L		94
46) 1,1,2-Trichloroethane	10.79	97	77493	22.76	ug/L		98
47) Tetrachloroethene	10.87	164	90457	26.61	ug/L		99
49) 2-Hexanone	10.98	43	111089	36.29	ug/L	#	93
50) Dibromochloromethane	11.13	129	97583	25.12	ug/L		95
51) 1,2-Dibromoethane	11.24	107	79801	24.03	ug/L		94
52) Chlorobenzene	11.66	112	274832	25.26	ug/L		97
53) Ethylbenzene	11.74	91	473380	25.69	ug/L		97
54) m,p-Xylene	11.85	106	179938	25.97	ug/L		100
55) o-xylene	12.17	106	175125	27.00	ug/L		91
56) Styrene	12.18	104	303483	27.00	ug/L		100
57) Isopropylbenzene	12.47	105	480306	27.26	ug/L		98
58) 1,1,2,2-Tetrachloroethane	12.72	83	104566	21.54	ug/L		95
59) 1,2,3-Trichloropropane	12.77	75	78892	21.14	ug/L		97
62) Bromoform	12.35	173	68200	25.37	ug/L		98
63) 1,3-Dichlorobenzene	13.51	146	230380	26.15	ug/L		97
64) 1,4-Dichlorobenzene	13.58	146	237537	25.54	ug/L		96
65) 1,2-Dichlorobenzene	13.88	146	222484	25.92	ug/L		98
66) 1,2-Dibromo-3-chloropropan	14.49	75	21454	22.26	ug/L		86
67) 1,3,5-Trichlorobenzene	14.64	180	181946	26.70	ug/L		99
68) 1,2,4-trichlorobenzene	15.15	180	158874	28.59	ug/L		99
69) Naphthalene	15.38	128	366096	28.67	ug/L		99
70) 1,2,3-Trichlorobenzene	15.57	180	148393	27.60	ug/L		99

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

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