Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW073118\
Data File : VW004361.D
Acq On : 31 Jul 2018 16:37
Operator : SY/AP
Sample : VSTD05099
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD05099

Quant Time: Jul 31 16:59:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 31 16:55:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	339928	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	322725	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	170350	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	132773	38.80	ug/L	0.00
7) Chloroethane-d5	2.89	69	121177	48.69	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	397314	48.64	ug/L	0.00
20) 2-Butanone-d5	7.09	46	187873	96.97	ug/L	0.00
24) Chloroform-d	7.65	84	406879	46.75	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	227499	43.46	ug/L	0.00
29) Benzene-d6	8.27	84	814304	47.61	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	251776	44.26	ug/L	0.00
37) Toluene-d8	10.33	98	778016	48.12	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	122091	47.28	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	152043	101.70	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	267288	46.01	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	311315	48.89	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	153625	67.94	ug/L	90
3) Chloromethane	2.22	50	129148	40.46	ug/L	95
5) Vinyl chloride	2.37	62	186623	43.82	ug/L	97
6) Bromomethane	2.78	94	117383	49.19	ug/L	98
8) Chloroethane	2.93	64	124061	54.20	ug/L	93
9) Trichlorofluoromethane	3.26	101	143595	69.66	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	227462	56.00	ug/L	97
12) 1,1-Dichloroethene	4.04	96	224264	57.05	ug/L	92
13) Acetone	4.13	43	145328	74.29	ug/L	99
14) Carbon disulfide	4.38	76	691613	54.64	ug/L	100
15) Methyl Acetate	4.67	43	158965	48.85	ug/L	95
16) Methylene chloride	4.91	84	229691	48.19	ug/L	95
17) Methyl tert-butyl Ether	5.43	73	340751	43.66	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	231551	55.92	ug/L	98
19) 1,1-Dichloroethane	6.21	63	407463	50.52	ug/L	98
21) 2-Butanone	7.18	43	212540	86.20	ug/L	96
22) cis-1,2-Dichloroethene	7.17	96	256797	55.79	ug/L	97
23) Bromochloromethane	7.51	128	117041	53.71	ug/L	85
25) Chloroform	7.68	83	415665	50.26	ug/L	100
27) 1,2-Dichloroethane	8.40	62	279893	46.01	ug/L	100
30) Cyclohexane	7.96	56	414699	58.07	ug/L	94
31) 1,1,1-Trichloroethane	7.87	97	345223	53.01	ug/L	99
32) Carbon tetrachloride	8.07	117	338256	53.40	ug/L	100
34) Benzene	8.33	78	926916	49.96	ug/L	100
35) Trichloroethene	9.09	95	243882	49.97	ug/L	99
36) Methylcyclohexane	9.34	83	463093	56.77	ug/L	97
40) 1,2-Dichloropropane	9.37	63	236492	46.95	ug/L	100
41) Bromodichloromethane	9.65	83	297431	47.81	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	370828	50.61	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	423336	94.33	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	997475	50.87	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	335105	49.87	ug/L	96
46) 1,1,2-Trichloroethane	10.79	97	190127	48.61	ug/L	96
47) Tetrachloroethene	10.87	164	205100	52.53	ug/L	98
49) 2-Hexanone	10.98	43	315662	89.77	ug/L	99
50) Dibromochloromethane	11.13	129	231528	51.90	ug/L	94
51) 1,2-Dibromoethane	11.24	107	187784	49.24	ug/L	91
52) Chlorobenzene	11.66	112	644213	51.55	ug/L	100
53) Ethylbenzene	11.74	91	1154370	54.56	ug/L	99
54) m,p-Xylene	11.85	106	429370	53.95	ug/L	90
55) o-xylene	12.17	106	400252	53.73	ug/L	85
56) Styrene	12.19	104	698260	54.09	ug/L	98
57) Isopropylbenzene	12.47	105	1158633	57.25	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	270379	48.49	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	208760	48.70	ug/L	97
62) Bromoform	12.35	173	156628	51.21	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	534150	53.29	ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	546845	51.67	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	502699	51.48	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	53660	48.93	ug/L	95
67) 1,3,5-Trichlorobenzene	14.64	180	421788	54.40	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	359424	56.84	ug/L	100
69) Naphthalene	15.38	128	866815	59.66	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	308974	50.51	ug/L	100

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

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