Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD091418\
Data File : VD060003.D
Acq On : 14 Sep 2018 11:57
Operator : JC/SY
Sample : VD0914SBS01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBS01

Manual Integrations APPROVED
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Quant Time: Sep 14 13:31:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 13 16:17:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1533214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.43	114	2137265	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	1749918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	920924	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	659114	55.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.26%			
35) Dibromofluoromethane	6.30	113	891576	53.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.80%			
50) Toluene-d8	9.43	98	2439534	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.44%			
62) 4-Bromofluorobenzene	12.42	95	939266	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.26%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.57	85	311508	19.25	ug/l	99
3) Chloromethane	1.74	50	318552	22.28	ug/l	96
4) Vinyl Chloride	1.84	62	241429	21.01	ug/l	95
5) Bromomethane	2.12	94	22382	16.45	ug/l	98
6) Chloroethane	2.22	64	56229	21.88	ug/l	96
7) Trichlorofluoromethane	2.48	101	270490	21.38	ug/l	100
8) Diethyl Ether	2.80	74	55759	20.73	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.06	101	174129	21.82	ug/l	98
10) Methyl Iodide	3.22	142	155707	18.43	ug/l	92
11) Tert butyl alcohol	3.95	59	87080	90.26	ug/l	98
12) 1,1-Dichloroethene	3.05	96	140615	22.29	ug/l	98
13) Acrolein	2.96	56	63546	106.36	ug/l	100
14) Allyl chloride	3.51	41	284157	21.36	ug/l	98
15) Acrylonitrile	4.06	53	364791	100.17	ug/l	98
16) Acetone	3.14	43	281469	121.93	ug/l	96
17) Carbon Disulfide	3.28	76	462107	21.26	ug/l	99
18) Methyl Acetate	3.53	43	92284	19.66	ug/l	96
19) Methyl tert-butyl Ether	4.10	73	597354	20.49	ug/l	99
20) Methylene Chloride	3.69	84	413898	21.02	ug/l	98
21) trans-1,2-Dichloroethene	4.07	96	334055	20.18	ug/l	97
22) Diisopropyl ether	4.83	45	1262962	20.81	ug/l	98
23) Vinyl Acetate	4.78	43	3685531	107.20	ug/l	99
24) 1,1-Dichloroethane	4.73	63	561894	20.63	ug/l	100
25) 2-Butanone	5.60	43	697686	112.00	ug/l	99
26) 2,2-Dichloropropane	5.56	77	434510	20.52	ug/l	99
27) cis-1,2-Dichloroethene	5.57	96	347303	20.06	ug/l	99
28) Bromochloromethane	5.90	49	278603	21.28	ug/l	100
29) Tetrahydrofuran	5.93	42	337850	101.13	ug/l	99
30) Chloroform	6.08	83	578388	20.94	ug/l	98
31) Cyclohexane	6.34	56	542565	20.43	ug/l	97
32) 1,1,1-Trichloroethane	6.27	97	478238	20.88	ug/l	99
36) 1,1-Dichloropropene	6.50	75	431818	20.34	ug/l	98
37) Ethyl Acetate	5.67	43	287541	19.70	ug/l	98
38) Carbon Tetrachloride	6.47	117	401944	20.28	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	8.02	83	486879	20.27	ug/l		99
40) Benzene	6.77	78	1104673	20.41	ug/l		99
41) Methacrylonitrile	5.90	41	121544m	15.89	ug/l		
42) 1,2-Dichloroethane	6.88	62	322245	19.83	ug/l		100
43) Isopropyl Acetate	8.33	43	382780	19.58	ug/l	#	100
44) Trichloroethene	7.72	130	332109	19.86	ug/l		95
45) 1,2-Dichloropropane	8.09	63	286977	19.83	ug/l		98
46) Dibromomethane	8.19	93	186553	19.76	ug/l		98
47) Bromodichloromethane	8.47	83	415670	20.42	ug/l		99
48) Methyl methacrylate	8.22	41	222057	20.40	ug/l		98
49) 1,4-Dioxane	8.21	88	42072	389.08	ug/l		98
51) 4-Methyl-2-Pentanone	9.33	43	1547507	108.33	ug/l		99
52) Toluene	9.53	92	715834	20.64	ug/l		100
53) t-1,3-Dichloropropene	9.91	75	382105	20.13	ug/l		97
54) cis-1,3-Dichloropropene	9.08	75	456564	20.13	ug/l		97
55) 1,1,2-Trichloroethane	10.16	97	232311	19.29	ug/l		97
56) Ethyl methacrylate	10.01	69	262550	19.66	ug/l		96
57) 1,3-Dichloropropane	10.37	76	360986	20.31	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.90	63	697521	108.14	ug/l		96
59) 2-Hexanone	10.48	43	1120751	109.00	ug/l		100
60) Dibromochloromethane	10.62	129	295386	20.15	ug/l		99
61) 1,2-Dibromoethane	10.74	107	243563	19.59	ug/l		98
64) Tetrachloroethene	10.24	164	308667	19.99	ug/l		98
65) Chlorobenzene	11.30	112	790064	21.00	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.41	131	272766	21.50	ug/l		98
67) Ethyl Benzene	11.42	91	1360572	22.47	ug/l		99
68) m/p-Xylenes	11.56	106	997321	44.60	ug/l		96
69) o-Xylene	11.92	106	481578	21.74	ug/l		98
70) Styrene	11.94	104	811724	21.79	ug/l		97
71) Bromoform	12.11	173	207859	19.07	ug/l		97
73) Isopropylbenzene	12.27	105	1292236	21.40	ug/l		99
74) N-amyl acetate	12.12	43	494013	20.65	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.55	83	280593	20.48	ug/l		98
76) 1,2,3-Trichloropropane	12.59	75	285492	20.30	ug/l		99
77) Bromobenzene	12.53	156	366004	21.04	ug/l		98
78) n-propylbenzene	12.63	91	1706099	22.46	ug/l		100
79) 2-Chlorotoluene	12.70	91	906787	21.15	ug/l		98
80) 1,3,5-Trimethylbenzene	12.79	105	1022033	22.08	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.34	75	80007	18.84	ug/l		92
82) 4-Chlorotoluene	12.80	91	1036749	22.00	ug/l		99
83) tert-Butylbenzene	13.04	119	1150313	21.45	ug/l		91
84) 1,2,4-Trimethylbenzene	13.09	105	1069447	21.65	ug/l		99
85) sec-Butylbenzene	13.21	105	1294601	20.34	ug/l		100
86) p-Isopropyltoluene	13.33	119	1143308	22.20	ug/l		96
87) 1,3-Dichlorobenzene	13.30	146	658285	21.76	ug/l		98
88) 1,4-Dichlorobenzene	13.38	146	651396	21.23	ug/l		96
89) n-Butylbenzene	13.64	91	1172928	21.18	ug/l		96
90) Hexachloroethane	13.85	117	266042	20.86	ug/l		89
91) 1,2-Dichlorobenzene	13.66	146	568482	20.29	ug/l		97
92) 1,2-Dibromo-3-Chloropropan	14.22	75	37107	17.76	ug/l		95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.78	180	459015	21.29	ug/l	99
94) Hexachlorobutadiene	14.88	225	307562	21.57	ug/l	99
95) Naphthalene	14.96	128	654288	19.65	ug/l	99
96) 1,2,3-Trichlorobenzene	15.10	180	388197	20.43	ug/l	96

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

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