Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032319\
Data File : VD061278.D
Acq On : 23 Mar 2019 14:06
Operator : VA/AP
Sample : VD0323SBSD01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 25 07:06:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration

Instrument : MSVOA_D
ClientSampleId : VD0323SBSD01

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.06	168	574417	50.00	ug/l		0.02
34) 1,4-Difluorobenzene	8.23	114	974041	50.00	ug/l		0.02
63) Chlorobenzene-d5	12.38	117	791492	50.00	ug/l		0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	310445	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.48	65	266795	55.80	ug/l		0.03
Spiked Amount 50.000			Recovery = 111.60%				
35) Dibromofluoromethane	6.94	113	409015	56.58	ug/l		0.02
Spiked Amount 50.000			Recovery = 113.16%				
50) Toluene-d8	10.42	98	928661	51.16	ug/l		0.02
Spiked Amount 50.000			Recovery = 102.32%				
62) 4-Bromofluorobenzene	13.56	95	365891	51.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.60	85	130218	22.886	ug/l		100
3) Chloromethane	1.78	50	100385	21.179	ug/l		92
4) Vinyl Chloride	1.86	62	103415	23.612	ug/l		97
5) Bromomethane	2.17	94	17935	20.321	ug/l		83
6) Chloroethane	2.28	64	29969	22.860	ug/l	#	82
7) Trichlorofluoromethane	2.54	101	156042	24.801	ug/l		94
8) Diethyl Ether	2.90	74	49300	23.752	ug/l		86
9) 1,1,2-Trichlorotrifluoroet	3.17	101	168555	23.962	ug/l		98
10) Methyl Iodide	3.33	142	206495	22.999	ug/l		97
11) Tert butyl alcohol	4.10	59	35616	117.008	ug/l		97
12) 1,1-Dichloroethene	3.14	96	134906	23.397	ug/l		94
13) Acrolein	3.06	56	23014	52.254	ug/l		94
14) Allyl chloride	3.65	41	210407	22.807	ug/l		97
15) Acrylonitrile	4.22	53	123523	114.818	ug/l		94
16) Acetone	3.24	43	167979	122.857	ug/l		98
17) Carbon Disulfide	3.40	76	386977	19.896	ug/l		99
18) Methyl Acetate	3.67	43	60665	22.546	ug/l	#	87
19) Methyl tert-butyl Ether	4.26	73	234044	23.161	ug/l		96
20) Methylene Chloride	3.84	84	158976	22.980	ug/l		94
21) trans-1,2-Dichloroethene	4.25	96	143239	22.952	ug/l		96
22) Diisopropyl ether	5.14	45	437154	22.826	ug/l		95
23) Vinyl Acetate	5.08	43	1119952	113.918	ug/l		98
24) 1,1-Dichloroethane	5.01	63	244198	23.272	ug/l		99
25) 2-Butanone	6.09	43	183435	118.232	ug/l		97
26) 2,2-Dichloropropane	6.05	77	186983	22.827	ug/l		98
27) cis-1,2-Dichloroethene	6.06	96	151333	22.855	ug/l		97
28) Bromochloromethane	6.46	49	93855	21.128	ug/l		93
29) Tetrahydrofuran	6.47	42	91690	108.837	ug/l		96
30) Chloroform	6.69	83	257437	23.672	ug/l		99
31) Cyclohexane	6.97	56	181681	21.473	ug/l		96
32) 1,1,1-Trichloroethane	6.89	97	213744	22.734	ug/l		100
36) 1,1-Dichloropropene	7.17	75	185667	22.113	ug/l		98
37) Ethyl Acetate	6.21	43	85660	21.741	ug/l	#	95
38) Carbon Tetrachloride	7.13	117	265061m	28.660	ug/l		

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	8.88	83	188429	21.643	ug/l		98
40) Benzene	7.48	78	491950	23.449	ug/l		99
41) Methacrylonitrile	6.46	41	102338	22.582	ug/l	#	94
42) 1,2-Dichloroethane	7.59	62	145304	23.866	ug/l		95
43) Isopropyl Acetate	9.26	43	120606	22.101	ug/l	#	95
44) Trichloroethene	8.56	130	179532	24.805	ug/l		99
45) 1,2-Dichloropropane	8.95	63	119322	21.648	ug/l		99
46) Dibromomethane	9.08	93	82082	23.477	ug/l		96
47) Bromodichloromethane	9.39	83	188169	23.850	ug/l		95
48) Methyl methacrylate	9.13	41	67911	22.103	ug/l		96
49) 1,4-Dioxane	9.10	88	15321	493.135	ug/l	#	84
51) 4-Methyl-2-Pentanone	10.31	43	371258	111.051	ug/l		99
52) Toluene	10.53	92	309128	23.695	ug/l		99
53) t-1,3-Dichloropropene	10.92	75	163609	22.678	ug/l		99
54) cis-1,3-Dichloropropene	10.05	75	218225	25.176	ug/l		97
55) 1,1,2-Trichloroethane	11.20	97	104216	23.988	ug/l		96
56) Ethyl methacrylate	11.06	69	106071	23.325	ug/l		95
57) 1,3-Dichloropropane	11.42	76	154463	23.791	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.87	63	266958	110.904	ug/l		99
59) 2-Hexanone	11.54	43	305566	124.952	ug/l		99
60) Dibromochloromethane	11.70	129	163710	25.604	ug/l		100
61) 1,2-Dibromoethane	11.82	107	116921	23.134	ug/l		93
64) Tetrachloroethene	11.27	164	131906	24.688	ug/l		98
65) Chlorobenzene	12.41	112	393135	25.336	ug/l		99
66) 1,1,1,2-Tetrachloroethane	12.53	131	148870	26.916	ug/l		99
67) Ethyl Benzene	12.54	91	587736	25.443	ug/l		99
68) m/p-Xylenes	12.67	106	454558	50.135	ug/l		94
69) o-Xylene	13.06	106	228097	25.594	ug/l		100
70) Styrene	13.08	104	361018	24.807	ug/l		99
71) Bromoform	13.24	173	88653	24.846	ug/l		98
73) Isopropylbenzene	13.41	105	585984	26.192	ug/l		99
74) N-amyl acetate	13.27	43	157957	25.074	ug/l		96
75) 1,1,2,2-Tetrachloroethane	13.71	83	110901	25.406	ug/l		97
76) 1,2,3-Trichloropropane	13.74	75	124863	27.957	ug/l		98
77) Bromobenzene	13.68	156	162713	28.490	ug/l		97
78) n-propylbenzene	13.78	91	714194	27.268	ug/l		99
79) 2-Chlorotoluene	13.84	91	402103	27.885	ug/l		98
80) 1,3,5-Trimethylbenzene	14.24	105	502200	29.567	ug/l		98
81) trans-1,4-Dichloro-2-buten	13.48	75	33727	25.614	ug/l		98
82) 4-Chlorotoluene	13.95	91	438885	25.746	ug/l		100
83) tert-Butylbenzene	14.20	119	595741	32.050	ug/l		98
84) 1,2,4-Trimethylbenzene	14.24	105	502200	29.567	ug/l		98
85) sec-Butylbenzene	14.38	105	625464	27.563	ug/l		99
86) p-Isopropyltoluene	14.49	119	497784	26.837	ug/l		99
87) 1,3-Dichlorobenzene	14.47	146	268280	26.307	ug/l		95
88) 1,4-Dichlorobenzene	14.54	146	254201	25.365	ug/l		100
89) n-Butylbenzene	14.80	91	458693	25.751	ug/l		97
90) Hexachloroethane	15.02	117	138244	26.394	ug/l		96
91) 1,2-Dichlorobenzene	14.82	146	242721	28.549	ug/l		93
92) 1,2-Dibromo-3-Chloropropan	15.39	75	12973	24.663	ug/l		89

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	99098	25.126 ug/l	99
94) Hexachlorobutadiene	16.04	225	83247	27.905 ug/l	97
95) Naphthalene	16.13	128	178380	29.763 ug/l	98
96) 1,2,3-Trichlorobenzene	16.28	180	54008	27.726 ug/l	98

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

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