Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD012920\
Data File : VD064990.D
Acq On : 29 Jan 2020 12:00
Operator : VA/SY
Sample : VD0129SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 29 15:49:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration

Instrument : MSVOA_D
ClientSampleId : VD0129SBS01

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.98	168	491971	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.87	114	721226	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.65	117	636228	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	311347	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.33	65	222701	47.19	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.38%				
35) Dibromofluoromethane	7.92	113	219427	48.41	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.82%				
50) Toluene-d8	10.34	98	849478	48.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.12%				
62) 4-Bromofluorobenzene	12.64	95	262842	49.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.00	85	73305	19.779	ug/l		98
3) Chloromethane	2.21	50	113343	20.866	ug/l		95
4) Vinyl Chloride	2.36	62	125418	20.103	ug/l		98
5) Bromomethane	2.76	94	83904	19.993	ug/l		94
6) Chloroethane	2.93	64	82230	19.992	ug/l		99
7) Trichlorofluoromethane	3.27	101	195946	20.336	ug/l		97
8) Diethyl Ether	3.71	74	41824	19.228	ug/l		97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	95273	21.253	ug/l		99
10) Methyl Iodide	4.30	142	87662	18.423	ug/l		99
11) Tert butyl alcohol	5.24	59	24217	92.864	ug/l	#	94
12) 1,1-Dichloroethene	4.06	96	88925	20.765	ug/l		95
13) Acrolein	3.93	56	25277	77.320	ug/l		94
14) Allyl chloride	4.71	41	145352	21.281	ug/l		98
15) Acrylonitrile	5.43	53	90873	96.475	ug/l		99
16) Acetone	4.16	43	92260	82.906	ug/l		94
17) Carbon Disulfide	4.40	76	287298	20.384	ug/l		96
18) Methyl Acetate	4.73	43	44236	20.015	ug/l		100
19) Methyl tert-butyl Ether	5.48	73	188233	19.672	ug/l		100
20) Methylene Chloride	4.96	84	126460	24.264	ug/l		97
21) trans-1,2-Dichloroethene	5.47	96	101595	20.591	ug/l		96
22) Diisopropyl ether	6.36	45	275394	20.232	ug/l		95
23) Vinyl Acetate	6.31	43	756739	94.953	ug/l		99
24) 1,1-Dichloroethane	6.27	63	172893	20.687	ug/l		98
25) 2-Butanone	7.22	43	114695	89.962	ug/l		97
26) 2,2-Dichloropropane	7.21	77	160275	21.142	ug/l		97
27) cis-1,2-Dichloroethene	7.21	96	107518	20.416	ug/l		99
28) Bromochloromethane	7.55	49	56901	17.024	ug/l		99
29) Tetrahydrofuran	7.57	42	71733	91.190	ug/l		96
30) Chloroform	7.71	83	177880	20.589	ug/l		100
31) Cyclohexane	7.98	56	165044	20.074	ug/l		95
32) 1,1,1-Trichloroethane	7.91	97	166232	20.683	ug/l		98
36) 1,1-Dichloropropene	8.11	75	144958	20.843	ug/l		98
37) Ethyl Acetate	7.30	43	52571	18.300	ug/l		97
38) Carbon Tetrachloride	8.10	117	152287	20.717	ug/l		96

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	9.36	83	164556	20.239 ug/l		92
40) Benzene	8.36	78	388713	20.294 ug/l		98
41) Methacrylonitrile	7.53	41	25691	16.602 ug/l	#	53
42) 1,2-Dichloroethane	8.43	62	111456	19.534 ug/l		98
43) Isopropyl Acetate	8.46	43	101428	18.588 ug/l		99
44) Trichloroethene	9.11	130	110549	20.622 ug/l		94
45) 1,2-Dichloropropane	9.39	63	95375	20.540 ug/l		96
46) Dibromomethane	9.48	93	48969	19.316 ug/l		98
47) Bromodichloromethane	9.67	83	134762	20.429 ug/l		99
48) Methyl methacrylate	9.46	41	49068	19.540 ug/l		99
49) 1,4-Dioxane	9.47	88	10413	354.164 ug/l	#	81
51) 4-Methyl-2-Pentanone	10.23	43	255152	93.450 ug/l		100
52) Toluene	10.41	92	248357	20.111 ug/l		97
53) t-1,3-Dichloropropene	10.63	75	124536	19.819 ug/l		99
54) cis-1,3-Dichloropropene	10.09	75	147977	20.114 ug/l		97
55) 1,1,2-Trichloroethane	10.81	97	68924	20.184 ug/l		96
56) Ethyl methacrylate	10.67	69	77478	18.974 ug/l		99
57) 1,3-Dichloropropane	10.95	76	116350	19.865 ug/l		99
58) 2-Chloroethyl Vinyl ether	9.95	63	127302	93.837 ug/l		97
59) 2-Hexanone	10.99	43	172057	91.358 ug/l		100
60) Dibromochloromethane	11.14	129	91793	20.112 ug/l		98
61) 1,2-Dibromoethane	11.25	107	64649	19.662 ug/l		100
64) Tetrachloroethene	10.88	164	93728	20.386 ug/l		98
65) Chlorobenzene	11.67	112	266188	20.606 ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.75	131	96002	19.761 ug/l		96
67) Ethyl Benzene	11.75	91	465661	20.305 ug/l		97
68) m/p-Xylenes	11.86	106	363130	41.125 ug/l		98
69) o-Xylene	12.18	106	158402	20.213 ug/l		98
70) Styrene	12.20	104	282073	20.206 ug/l		98
71) Bromoform	12.37	173	53668	19.873 ug/l	#	99
73) Isopropylbenzene	12.49	105	443699	20.850 ug/l		99
74) N-amyl acetate	12.30	43	87239	18.320 ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.74	83	70149	19.613 ug/l		100
76) 1,2,3-Trichloropropane	12.79	75	50458m	19.525 ug/l		
77) Bromobenzene	12.77	156	106708	20.494 ug/l		100
78) n-propylbenzene	12.83	91	533445	21.079 ug/l		99
79) 2-Chlorotoluene	12.91	91	294146	21.187 ug/l		98
80) 1,3,5-Trimethylbenzene	12.97	105	368303	21.119 ug/l		98
81) trans-1,4-Dichloro-2-buten	12.53	75	22003	18.180 ug/l		96
82) 4-Chlorotoluene	13.01	91	312154	21.201 ug/l		98
83) tert-Butylbenzene	13.23	119	303449	20.504 ug/l		99
84) 1,2,4-Trimethylbenzene	13.28	105	360849	20.426 ug/l		98
85) sec-Butylbenzene	13.41	105	435751	20.795 ug/l		99
86) p-Isopropyltoluene	13.53	119	399708	20.385 ug/l		99
87) 1,3-Dichlorobenzene	13.53	146	202765	20.296 ug/l		100
88) 1,4-Dichlorobenzene	13.61	146	202081	20.381 ug/l		100
89) n-Butylbenzene	13.86	91	367068	20.513 ug/l		100
90) Hexachloroethane	14.12	117	78803	20.840 ug/l		100
91) 1,2-Dichlorobenzene	13.90	146	171083	20.172 ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10287	17.973 ug/l		96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	118794	20.246 ug/l	98
94) Hexachlorobutadiene	15.28	225	73521	19.810 ug/l	98
95) Naphthalene	15.41	128	176869	18.678 ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	100249	19.705 ug/l	98

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

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