Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027078.D
Acq On : 14 Aug 2020 02:43
Operator : JU/CG
Sample : L3630-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 14 04:28:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 14 03:16:58 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : BFML6

Manual Integrations APPROVED
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8/14/2020 2:54:25 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	130944	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	491438	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	303409	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	633692	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	667689	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	672425	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	12319	4.28	ng/uL	0.00
5) Phenol-d5	6.82	99	297765	29.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	193211	27.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	227721	28.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	226605	28.55	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	108639	27.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	120244	29.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	243691	28.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	280313	28.42	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	733868	30.33	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	898587	31.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	107558	26.33	ng/ul	0.00
58) Fluorene-d10	15.27	176	620238	29.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	72288	20.88	ng/ul	0.00
71) Anthracene-d10	17.12	188	940893	30.14	ng/ul	0.00
79) Pyrene-d10	19.42	212	1077339	32.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	1201988	32.02	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.85	94	11583	1.079	ng/ul	98
45) Dimethylphthalate	13.73	163	235890	9.303	ng/ul	99
48) Acenaphthylene	13.99	152	49732	1.697	ng/ul	96
70) Phenanthrene	17.06	178	464787	12.234	ng/ul	100
72) Anthracene	17.15	178	69158	1.789	ng/ul	99
75) Carbazole	17.42	167	36856	1.130	ng/ul	98
77) Fluoranthene	19.08	202	738046	16.021	ng/ul	99
80) Pyrene	19.44	202	710930	15.687	ng/ul	99
83) Benzo(a)anthracene	21.20	228	311910m	6.939	ng/ul	
85) Chrysene	21.24	228	356595	8.082	ng/ul	98
88) Benzo(b)fluoranthene	22.76	252	495713	10.616	ng/ul	99
89) Benzo(k)fluoranthene	22.79	252	120719m	2.609	ng/ul	
91) Benzo(a)pyrene	23.31	252	324968	7.647	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.60	276	236911	4.327	ng/ul	99
93) Dibenzo(a,h)anthracene	25.60	278	61333	1.322	ng/ul#	81
94) Benzo(g,h,i)perylene	26.27	276	175558	3.882	ng/ul	97

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

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