Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027060.D
Acq On : 13 Aug 2020 13:59
Operator : JU/CG
Sample : L3630-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFM77

Manual Integrations APPROVED
Sohil
8/14/2020 2:54:08 PM

Quant Time: Aug 13 14:35:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 11:47:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	104307	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	386053	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	244058	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	513374	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	520281	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	531766	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	10679	4.65	ng/uL	0.00
5) Phenol-d5	6.82	99	270680	33.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	177086	31.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	209650	32.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	217942	34.47	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	97690	31.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	107624	33.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	229561	34.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	263872	34.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	707687	36.36	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	869297	37.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	94342	28.71	ng/ul	0.00
58) Fluorene-d10	15.27	176	610514	35.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	73980	26.38	ng/ul	0.00
71) Anthracene-d10	17.12	188	927820	36.68	ng/ul	0.00
79) Pyrene-d10	19.42	212	1042499	40.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	1127787	37.99	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.46	128	48412	2.256	ng/ul	98
34) 2-Methylnaphthalene	12.08	142	17970	1.142	ng/ul	97
45) Dimethylphthalate	13.74	163	223337	10.950	ng/ul	99
48) Acenaphthylene	13.99	152	76396	3.240	ng/ul	98
50) Acenaphthene	14.34	153	21846	1.307	ng/ul	97
54) Dibenzofuran	14.67	168	60956	2.549	ng/ul	100
59) Fluorene	15.33	166	31903	1.594	ng/ul	92
70) Phenanthrene	17.06	178	1157381	37.605	ng/ul	99
72) Anthracene	17.15	178	124404	3.972	ng/ul	97
75) Carbazole	17.42	167	92848	3.512	ng/ul	98
77) Fluoranthene	19.08	202	1614832	43.269	ng/ul	100
80) Pyrene	19.44	202	1370875	38.818	ng/ul	99
83) Benzo(a)anthracene	21.20	228	630072	17.989	ng/ul	96
85) Chrysene	21.25	228	758842	22.072	ng/ul	98
88) Benzo(b)fluoranthene	22.76	252	1070485	28.990	ng/ul	98
89) Benzo(k)fluoranthene	22.80	252	396727m	10.841	ng/ul	
91) Benzo(a)pyrene	23.32	252	732631	21.801	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.61	276	556883	12.861	ng/ul	97
93) Dibenzo(a,h)anthracene	25.61	278	156837	4.276	ng/ul#	93
94) Benzo(g,h,i)perylene	26.28	276	377450	10.553	ng/ul	99

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

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