Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026103.D
Acq On : 23 May 2020 06:06
Operator : MA/SJ
Sample : L2737-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B14

Manual Integrations APPROVED
mohammad
5/26/2020 10:12:04 AM

Quant Time: May 25 11:55:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 22 13:18:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	197097	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	660539m	20.00	ng/ul	0.04
36) Acenaphthene-d10	14.14	164	471165	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	954616	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	966434	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	1009524	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	28986	4.44	ng/uL	0.00
5) Phenol-d5	6.70	99	141714	7.93	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.85	67	393403	31.81	ng/ul	0.01
9) 2-Chlorophenol-d4	7.05	132	375882	26.86	ng/ul	0.01
13) 4-Methylphenol-d8	8.23	113	248703	18.46	ng/ul	0.02
19) Nitrobenzene-d5	8.66	128	244522	45.41	ng/ul	0.02
22) 2-Nitrophenol-d4	9.37	143	255588	47.98	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.96	165	403507	37.73	ng/ul	0.08
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.58	166	1276740	33.79	ng/ul	0.02
47) Acenaphthylene-d8	13.83	160	1567020	35.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	62680m	9.37	ng/ul	0.04
58) Fluorene-d10	15.14	176	1141824	34.74	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.29	200	178967	32.15	ng/ul	0.02
71) Anthracene-d10	16.99	188	1686054	35.84	ng/ul	0.01
79) Pyrene-d10	19.29	212	1833014	36.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	1814320	33.77	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.73	94	3492444	174.245	ng/ul	97
11) 2-Methylphenol	7.97	108	6425564	465.289	ng/ul	99
16) 4-Methylphenol	8.31	108	8575283	570.976	ng/ul	97
24) 2,4-Dimethylphenol	9.53	107	14978399	1012.590	ng/ul	97
28) Naphthalene	10.32	128	88734703m	2197.131	ng/ul	
34) 2-Methylnaphthalene	11.96	142	14119937	519.798	ng/ul	99
41) 1,1'-Biphenyl	12.97	154	3047687	72.897	ng/ul	99
45) Dimethylphthalate	13.63	163	154974	3.907	ng/ul	99
48) Acenaphthylene	13.86	152	186109	3.787	ng/ul#	87
50) Acenaphthene	14.22	153	11779635	339.875	ng/ul	97
54) Dibenzofuran	14.56	168	8928002	183.298	ng/ul	100
59) Fluorene	15.20	166	6262523	158.943	ng/ul	99
69) Pentachlorophenol	16.56	266	23411	3.401	ng/ul	98
70) Phenanthrene	16.94	178	9932513	165.178	ng/ul	98
72) Anthracene	17.03	178	957888	15.878	ng/ul	99
75) Carbazole	17.33	167	17771019	356.063	ng/ul	94
77) Fluoranthene	18.96	202	1840387	29.177	ng/ul	99
80) Pyrene	19.32	202	1124197	16.570	ng/ul	97
83) Benzo(a)anthracene	21.07	228	88605	1.330	ng/ul#	90

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

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