Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010645.D
Acq On : 22 Jun 2017 04:26
Operator : SJ/JU
Sample : I3558-15ME 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C88ME

Manual Integrations APPROVED
mohammad
6/22/2017 5:33:35 PM

Quant Time: Jun 22 06:42:35 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 01:38:18 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	75252	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	338497	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	236388	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	581214	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	711462	20.00	ng/ul	0.00
83) Perylene-d12	23.23	264	609944	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.65	99	10519	1.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	7075	1.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	8947	1.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	9861	1.66	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	5209	2.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	5468m	1.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	10895	1.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	19633	3.18	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	44055	2.12	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	46345	1.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	5006	1.37	ng/ul	0.00
57) Fluorene-d10	15.12	176	37638	2.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	5280	1.48	ng/ul	0.00
70) Anthracene-d10	16.97	188	61785m	2.20	ng/ul	0.00
76) Pyrene-d10	19.27	212	71082	2.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	61648	2.09	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.29	128	6540682	388.284	ng/ul	100
34) 2-Methylnaphthalene	11.90	142	1203974	88.913	ng/ul	95
40) 1,1'-Biphenyl	12.94	154	308603	16.698	ng/ul	98
47) Acenaphthylene	13.83	152	63784	2.774	ng/ul#	93
49) Acenaphthene	14.18	153	958977	61.837	ng/ul	98
53) Dibenzofuran	14.52	168	1141223	48.592	ng/ul	93
58) Fluorene	15.17	166	1165929	59.294	ng/ul	98
69) Phenanthrene	16.92	178	5617503	181.799	ng/ul	99
71) Anthracene	17.00	178	732755	23.018	ng/ul	98
72) Carbazole	17.27	167	335013	12.062	ng/ul	97
74) Fluoranthene	18.94	202	3528876	88.616	ng/ul#	95
77) Pyrene	19.31	202	2296870	55.893	ng/ul#	96
80) Benzo(a)anthracene	21.07	228	745684	17.998	ng/ul	97
82) Chrysene	21.12	228	508657	13.770	ng/ul	98
85) Benzo(b)fluoranthene	22.59	252	388472	9.812	ng/ul	98
86) Benzo(k)fluoranthene	22.63	252	142681	3.801	ng/ul	95
88) Benzo(a)pyrene	23.13	252	228765	6.276	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.32	276	65558	1.734	ng/ul#	93
91) Benzo(g,h,i)perylene	25.97	276	44356	1.474	ng/ul	98

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

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