Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013326.D
Acq On : 12 Dec 2017 04:19
Operator : SJ/JU
Sample : I6759-11 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A19

Manual Integrations APPROVED
Sohil
12/12/2017 3:57:29 PM

Quant Time: Dec 17 03:09:02 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 12 02:07:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	274539	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1148997	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	644347	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1462625m	20.00	ng/ul	0.02
75) Chrysene-d12	21.29	240	1512046	20.00	ng/ul	0.02
83) Perylene-d12	23.50	264	1170924	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	2473	0.45	ng/uL	0.00
5) Phenol-d5	6.87	99	64218	2.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	38777	2.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	52772	2.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	58026	2.86	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	31179	3.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	30336	3.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	57792	2.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	65055	3.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	185353	3.23	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	230200	3.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	40456	4.06	ng/ul	0.01
57) Fluorene-d10	15.33	176	157792	3.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	164674	17.90	ng/ul	0.02
70) Anthracene-d10	17.22	188	249314	3.40	ng/ul	0.04
76) Pyrene-d10	19.51	212	302204	4.01	ng/ul	0.03
87) Benzo(a)pyrene-d12	23.36	264	187352	3.14	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.53	128	22501061m	380.635	ng/ul	
34) 2-Methylnaphthalene	12.15	142	10560685	237.650	ng/ul	95
40) 1,1'-Biphenyl	13.16	154	1529845	28.093	ng/ul	98
47) Acenaphthylene	14.05	152	567145	8.661	ng/ul#	90
49) Acenaphthene	14.41	153	16589326	371.908	ng/ul	92
53) Dibenzofuran	14.74	168	14711090	223.401	ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	14.97	232	580867	41.146	ng/ul#	86
58) Fluorene	15.40	166	13402716	246.029	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.47	198	463392	50.398	ng/ul#	60
64) N-Nitrosodiphenylamine	15.60	169	559111	12.977	ng/ul#	78
68) Pentachlorophenol	16.79	266	29380406m	2679.082	ng/ul	
69) Phenanthrene	17.14	178	34504399m	415.243	ng/ul	
71) Anthracene	17.24	178	24559452m	289.152	ng/ul	
72) Carbazole	17.51	167	7726494	105.760	ng/ul	100
74) Fluoranthene	19.16	202	38035430m	373.519	ng/ul	
77) Pyrene	19.52	202	33131982m	360.675	ng/ul	
80) Benzo(a)anthracene	21.27	228	14425649	150.368	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.19	149	141585	2.617	ng/ul	98
82) Chrysene	21.33	228	14663008m	164.746	ng/ul	
85) Benzo(b)fluoranthene	22.85	252	8168305	103.483	ng/ul#	98
86) Benzo(k)fluoranthene	22.89	252	2838340	38.210	ng/ul#	96
88) Benzo(a)pyrene	23.41	252	3199255	45.120	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.74	276	1258521	17.888	ng/ul#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	25.74	278	359047	5.993	ng/ul#	88
91) Benzo(g,h,i)perylene	26.43	276	915893	16.504	ng/ul#	96

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

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