Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101217\
Data File : BM012129.D
Acq On : 13 Oct 2017 09:27
Operator : SJ/JU
Sample : I5568-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-51(5-7)-092817

Manual Integrations APPROVED
Sohil
6/22/2018 4:49:04 PM

Quant Time: Oct 24 05:25:01 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	320133	20.00	ng/ul	0.02
18) Naphthalene-d8	10.66	136	1386238	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.50	164	831796	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.26	188	1729764	20.00	ng/ul	0.03
75) Chrysene-d12	21.44	240	1774331	20.00	ng/ul	0.04
83) Perylene-d12	23.78	264	1772707	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	24355	3.62	ng/uL	0.00
5) Phenol-d5	7.03	99	562084	21.64	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.17	67	386179	24.79	ng/ul	0.02
9) 2-Chlorophenol-d4	7.39	132	421375	19.13	ng/ul	0.03
13) 4-Methylphenol-d8	8.57	113	456532	20.41	ng/ul	0.03
19) Nitrobenzene-d5	9.02	128	272583	25.77	ng/ul	0.02
22) 2-Nitrophenol-d4	9.75	143	122579	9.92	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	10.29	165	347868	14.74	ng/ul	0.04
29) 4-Chloroaniline-d4	10.80	131	580532	26.28	ng/ul	0.02
43) Dimethylphthalate-d6	13.91	166	1804279	24.54	ng/ul	0.02
46) Acenaphthylene-d8	14.20	160	2208605	24.82	ng/ul	0.03
51) 4-Nitrophenol-d4	14.70	143	146	0.01	ng/ul	0.02
57) Fluorene-d10	15.50	176	1509146	25.01	ng/ul	0.03
62) 4,6-Dinitro-2-methylphenol	15.64	200	42	0.00	ng/ul	0.04
70) Anthracene-d10	17.36	188	2122395	24.81	ng/ul	0.04
76) Pyrene-d10	19.65	212	2146573	23.83	ng/ul	0.04
87) Benzo(a)pyrene-d12	23.63	264	2085081	24.40	ng/ul	0.06
Target Compounds						Qvalue
6) Phenol	7.05	94	39478	1.47	ng/ul#	71
28) Naphthalene	10.71	128	431231	6.01	ng/ul#	96
34) 2-Methylnaphthalene	12.32	142	151605	2.80	ng/ul	95
40) 1,1'-Biphenyl	13.33	154	329984	4.70	ng/ul	99
47) Acenaphthylene	14.23	152	195766	2.24	ng/ul	100
69) Phenanthrene	17.30	178	764802	7.77	ng/ul	99
71) Anthracene	17.39	178	287303	2.82	ng/ul	96
74) Fluoranthene	19.32	202	2054212	17.30	ng/ul#	92
77) Pyrene	19.68	202	2585101	22.06	ng/ul#	90
80) Benzo(a)anthracene	21.42	228	1333420	11.55	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.32	149	108712	1.39	ng/ul#	92
82) Chrysene	21.47	228	1221772	11.27	ng/ul	96
85) Benzo(b)fluoranthene	23.07	252	1342049	11.60	ng/ul#	91
86) Benzo(k)fluoranthene	23.11	252	395697m	3.55	ng/ul	
88) Benzo(a)pyrene	23.68	252	1002994	9.20	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	26.19	276	546171	4.72	ng/ul#	88
91) Benzo(g,h,i)perylene	26.93	276	473751	5.00	ng/ul#	83

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

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