Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012484.D
Acq On : 27 Oct 2017 13:43
Operator : SJ/JU
Sample : I5719-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-37(0-1)-100417

Manual Integrations APPROVED
Sohil
10/30/2017 6:30:08 PM

Quant Time: Oct 28 01:12:07 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:35:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	561367	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2038696	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	1102669	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	2285948	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2632555	20.00	ng/ul	0.00
83) Perylene-d12	23.74	264	2999702	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	30917	2.81	ng/uL	0.00
5) Phenol-d5	7.05	99	712961	15.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	430529	15.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	564514	16.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	562720	14.04	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	263961	20.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	282391	21.47	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.29	165	589647	16.92	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.80	131	49576	1.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.91	166	1702369	17.67	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	2045586	17.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	215926	15.08	ng/ul	0.00
57) Fluorene-d10	15.50	176	1404327	17.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	73556	6.65	ng/ul	0.00
70) Anthracene-d10	17.34	188	2055384	18.87	ng/ul	-0.01
76) Pyrene-d10	19.63	212	2240184	18.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	2585987	18.15	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.07	94	225053	4.609	ng/ul#	86
44) Dimethylphthalate	13.96	163	859515	9.020	ng/ul	99
47) Acenaphthylene	14.23	152	256365	2.357	ng/ul	97
58) Fluorene	15.55	166	112807	1.210	ng/ul	98
69) Phenanthrene	17.29	178	2397429	19.394	ng/ul	99
71) Anthracene	17.37	178	638487	4.997	ng/ul	97
72) Carbazole	17.64	167	243522	2.301	ng/ul	96
74) Fluoranthene	19.30	202	5877327	41.958	ng/ul#	93
77) Pyrene	19.66	202	5487395	36.655	ng/ul#	92
80) Benzo(a)anthracene	21.40	228	3170197	20.110	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.33	149	982282	10.946	ng/ul	97
82) Chrysene	21.46	228	3716773	26.518	ng/ul	95
85) Benzo(b)fluoranthene	23.04	252	5930743	31.983	ng/ul#	80
86) Benzo(k)fluoranthene	23.08	252	1645886m	9.430	ng/ul	
88) Benzo(a)pyrene	23.64	252	4057342	22.949	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	26.12	276	3302385	15.871	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.12	278	875390	4.962	ng/ul#	56
91) Benzo(g,h,i)perylene	26.86	276	3413352	20.241	ng/ul#	89

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

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