Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BM102517\
Data File : BM012452.D
Acq On : 25 Oct 2017 19:58
Operator : SJ/JU
Sample : I5719-06 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-37(1-3)-100417

Manual Integrations APPROVED
Sohil
6/27/2018 2:47:53 PM

Quant Time: Jun 23 04:03:42 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 05:23:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	572663	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2224046	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1146566	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	2109076	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2136571	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2460379	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.37	96	7242	0.65	ng/uL	0.00
5) Phenol-d5	7.05	99	142502	2.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	96176	3.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	115668	3.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	84720	2.07	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	59322	4.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	56304	3.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	106217	2.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	21261	0.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	349472	3.49	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	404291	3.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	14977	1.01	ng/ul	0.00
57) Fluorene-d10	15.50	176	276478	3.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	4570	0.45	ng/ul	0.00
70) Anthracene-d10	17.35	188	360687	3.59	ng/ul	0.00
76) Pyrene-d10	19.64	212	374509	3.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	423799	3.63	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.97	163	156255m	1.577	ng/ul	
69) Phenanthrene	17.29	178	709370	6.220	ng/ul	98
71) Anthracene	17.39	178	172329	1.462	ng/ul	97
74) Fluoranthene	19.30	202	1353082	10.470	ng/ul#	95
77) Pyrene	19.67	202	1177040	9.688	ng/ul#	95
80) Benzo(a)anthracene	21.41	228	662715	5.180	ng/ul	95
82) Chrysene	21.46	228	668601m	5.878	ng/ul	
85) Benzo(b)fluoranthene	23.04	252	1023507	6.730	ng/ul#	85
86) Benzo(k)fluoranthene	23.08	252	351949m	2.459	ng/ul	
88) Benzo(a)pyrene	23.63	252	703159	4.849	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	26.09	276	563967	3.304	ng/ul#	91
90) Dibenzo(a,h)anthracene	26.09	278	153080	1.058	ng/ul#	57
91) Benzo(g,h,i)perylene	26.80	276	531855	3.845	ng/ul#	85

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

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