Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
Data File : BM011749.D
Acq On : 28 Sep 2017 06:47
Operator : SJ/JU
Sample : I5377-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB3F4

Manual Integrations APPROVED
Sohil
9/29/2017 2:23:14 PM

Quant Time: Sep 28 07:59:26 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 05:09:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	308933	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	1367676	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	730878	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1512025	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	1119423	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	999021	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	17863	2.58	ng/uL	0.00
5) Phenol-d5	7.09	99	438266	14.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	335645	15.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	356964	15.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	340798	14.32	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	176958	16.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	189624	16.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	347699	16.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	273942	11.41	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	1094124	17.45	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	1297971	17.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	128754m	12.02	ng/ul	0.00
57) Fluorene-d10	15.56	176	915518	16.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	106372	10.39	ng/ul	0.00
70) Anthracene-d10	17.41	188	1300928	16.91	ng/ul	0.00
76) Pyrene-d10	19.70	212	1307296	24.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	823369	17.21	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.79	128	73597	1.030	ng/ul	99
44) Dimethylphthalate	14.02	163	205479	3.427	ng/ul	99
49) Acenaphthene	14.63	153	112312	2.169	ng/ul	99
53) Dibenzofuran	14.97	168	92295	1.298	ng/ul	99
58) Fluorene	15.62	166	116405	1.933	ng/ul	98
69) Phenanthrene	17.36	178	2074092	24.509	ng/ul	98
71) Anthracene	17.44	178	367037	4.210	ng/ul	99
72) Carbazole	17.72	167	171385	2.244	ng/ul	97
74) Fluoranthene	19.37	202	2944003	28.493	ng/ul#	91
77) Pyrene	19.73	202	2602165	39.008	ng/ul#	88
80) Benzo(a)anthracene	21.46	228	1072070	17.118	ng/ul	97
82) Chrysene	21.52	228	1032370	17.478	ng/ul	96
85) Benzo(b)fluoranthene	23.13	252	1125673	19.097	ng/ul#	95
86) Benzo(k)fluoranthene	23.16	252	409897m	6.817	ng/ul	
88) Benzo(a)pyrene	23.74	252	748404	13.146	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.26	276	503995	8.503	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.26	278	131756	2.654	ng/ul#	89
91) Benzo(g,h,i)perylene	27.00	276	452733	9.202	ng/ul#	86

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

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