Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012448.D
Acq On : 25 Oct 2017 16:42
Operator : SJ/JU
Sample : I5756-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CN4DL

Manual Integrations APPROVED
Sohil
10/27/2017 8:53:59 AM

Quant Time: Oct 26 05:14:09 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 01:09:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	640183	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2750464	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	1788751	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.26	188	4413465	20.00	ng/ul	0.01
75) Chrysene-d12	21.43	240	4076285	20.00	ng/ul	0.01
83) Perylene-d12	23.74	264	3788924	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	14584m	1.16	ng/uL	0.00
5) Phenol-d5	7.05	99	292665	5.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	176461	5.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	232886	5.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	232323	5.08	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	112474	6.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	117262	6.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	257260	5.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	107686	2.17	ng/ul	0.01
43) Dimethylphthalate-d6	13.92	166	828861	5.30	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	1043191	5.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	95629	4.12	ng/ul	0.01
57) Fluorene-d10	15.50	176	748100	5.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	17611	0.82	ng/ul	0.02
70) Anthracene-d10	17.35	188	1216810	5.79	ng/ul	0.00
76) Pyrene-d10	19.64	212	1302756	6.97	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.59	264	1000085	5.56	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.08	94	62213	1.117	ng/ul	91
34) 2-Methylnaphthalene	12.33	142	229549	2.073	ng/ul	96
44) Dimethylphthalate	13.97	163	304045	1.967	ng/ul	98
47) Acenaphthylene	14.23	152	732707	4.153	ng/ul	97
49) Acenaphthene	14.57	153	184691	1.528	ng/ul	98
58) Fluorene	15.56	166	496868	3.285	ng/ul#	99
69) Phenanthrene	17.30	178	4299117	18.013	ng/ul	99
71) Anthracene	17.39	178	904469	3.667	ng/ul	98
74) Fluoranthene	19.31	202	4148361	15.339	ng/ul#	94
77) Pyrene	19.67	202	6633767	28.618	ng/ul#	93
80) Benzo(a)anthracene	21.41	228	2448261	10.030	ng/ul#	91
82) Chrysene	21.46	228	2645492	12.190	ng/ul	95
85) Benzo(b)fluoranthene	23.04	252	2019752	8.623	ng/ul#	94
86) Benzo(k)fluoranthene	23.08	252	534993m	2.427	ng/ul	
88) Benzo(a)pyrene	23.63	252	1880200	8.420	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.09	276	1094543	4.165	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.09	278	358835	1.610	ng/ul#	70
91) Benzo(g,h,i)perylene	26.81	276	1055651	4.956	ng/ul#	93

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

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