Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
Data File : BG028480.D
Acq On : 25 Aug 2017 4:41
Operator : SJ/JU
Sample : I4840-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AJ7

Manual Integrations APPROVED
Sohil
8/25/2017 5:44:04 PM

Quant Time: Aug 25 15:37:26 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 25 03:52:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	43338	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	190941	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	133261	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	294592	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	345657	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	342195	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.82	96	2393	2.57	ng/uL	0.00
5) Phenol-d5	7.49	99	62158	13.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	36491	12.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	44686	14.88	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	50926	12.80	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	23078	15.46	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	27555	16.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	52944	15.63	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	42147	11.18	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	176414	14.88	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	202375	15.14	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	22863	12.13	ng/ul	0.00
57) Fluorene-d10	15.94	176	149890	14.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	22879	11.96	ng/ul	0.00
70) Anthracene-d10	17.80	188	242285	17.15	ng/ul	0.00
76) Pyrene-d10	20.07	212	283429	15.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	271003	16.92	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.52	94	9736	2.058	ng/ul	89
44) Dimethylphthalate	14.39	163	76256	6.987	ng/ul#	95
69) Phenanthrene	17.74	178	127131	8.575	ng/ul	99
72) Carbazole	18.10	167	14571	1.106	ng/ul#	96
74) Fluoranthene	19.74	202	260671	14.468	ng/ul	98
77) Pyrene	20.10	202	232650	11.282	ng/ul	98
80) Benzo(a)anthracene	22.01	228	119194	5.968	ng/ul	94
82) Chrysene	22.08	228	138471	7.698	ng/ul	96
85) Benzo(b)fluoranthene	24.42	252	164519	8.034	ng/ul	99
86) Benzo(k)fluoranthene	24.48	252	58577m	2.929	ng/ul	
88) Benzo(a)pyrene	25.37	252	115035	5.802	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.58	276	74960m	3.229	ng/ul	
91) Benzo(g,h,i)perylene	30.83	276	55737m	2.918	ng/ul	

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

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