Quantitation Report (LSC Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
Data File : BG028403.D
Acq On : 22 Aug 2017 00:39
Operator : SJ/JU
Sample : I4687-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AH2

Manual Integrations APPROVED
Sohil
8/22/2017 5:50:19 PM

Quant Time: Aug 22 14:34:23 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 22 04:33:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	40992	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	192320	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	135962	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	315169	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	378791	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	379225	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.83	96	3846	4.37	ng/uL	0.00
5) Phenol-d5	7.49	99	99215	22.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	69737	24.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	78720	27.72	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	71436	18.99	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	42301	28.13	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	53144	32.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	100422	29.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	53898	14.19	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	353022	29.19	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	414764	30.42	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	36753	19.11	ng/ul	0.00
57) Fluorene-d10	15.94	176	310309	28.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	48144	23.51	ng/ul	0.00
70) Anthracene-d10	17.80	188	483898	32.02	ng/ul	0.00
76) Pyrene-d10	20.07	212	582997	30.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	573031	32.28	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.52	94	12824	2.866	ng/ul#	89
28) Naphthalene	11.21	128	51274	5.383	ng/ul	99
34) 2-Methylnaphthalene	12.79	142	55262	7.223	ng/ul	88
44) Dimethylphthalate	14.39	163	128482	11.539	ng/ul	99
53) Dibenzofuran	15.34	168	19814	1.546	ng/ul	90
69) Phenanthrene	17.74	178	132137	8.331	ng/ul	98
71) Anthracene	17.84	178	22895	1.412	ng/ul	99
72) Carbazole	18.10	167	16368	1.161	ng/ul#	90
74) Fluoranthene	19.74	202	285900	14.832	ng/ul	99
77) Pyrene	20.10	202	261689	11.580	ng/ul	98
80) Benzo(a)anthracene	22.01	228	177618	8.115	ng/ul	94
82) Chrysene	22.08	228	191400m	9.710	ng/ul	
85) Benzo(b)fluoranthene	24.42	252	286018	12.604	ng/ul#	96
86) Benzo(k)fluoranthene	24.49	252	96389m	4.348	ng/ul	
88) Benzo(a)pyrene	25.38	252	177299	8.069	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	29.57	276	133734	5.198	ng/ul#	91
90) Dibenzo(a,h)anthracene	29.60	278	37284m	1.729	ng/ul	
91) Benzo(g,h,i)perylene	30.84	276	126862	5.993	ng/ul#	90

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

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