Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028533.D
Acq On : 29 Aug 2017 00:30
Operator : SJ/JU
Sample : I4905-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0B12

Manual Integrations APPROVED
Sohil
8/29/2017 6:02:15 PM

Quant Time: Aug 29 05:59:23 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 29 03:57:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	47005	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	187068	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	116168	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	274526m	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	329863	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	328797	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.82	96	5669	5.62	ng/uL	0.00
5) Phenol-d5	7.49	99	150649	29.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	94906	29.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	111508	34.24	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	121674	28.20	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	56681m	38.75	ng/ul	0.02
22) 2-Nitrophenol-d4	10.23	143	68308	42.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	130706	39.39	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	112673	30.50	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	401162	38.83	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	472933	40.60	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	55185	33.59	ng/ul	0.00
57) Fluorene-d10	15.94	176	346904	37.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	44935m	25.20	ng/ul	0.00
70) Anthracene-d10	17.80	188	558463	42.42	ng/ul	0.00
76) Pyrene-d10	20.07	212	654043	38.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	651298	42.31	ng/ul	0.03
Target Compounds						Qvalue
6) Phenol	7.52	94	12307	2.399	ng/ul#	91
16) 4-Methylphenol	9.10	108	4840	1.184	ng/ul	92
28) Naphthalene	11.21	128	12665	1.367	ng/ul#	91
34) 2-Methylnaphthalene	12.79	142	19460	2.615	ng/ul	83
44) Dimethylphthalate	14.39	163	114333	12.018	ng/ul#	95
69) Phenanthrene	17.74	178	16588m	1.201	ng/ul	
74) Fluoranthene	19.75	202	72501m	4.318	ng/ul	
77) Pyrene	20.10	202	99978	5.080	ng/ul	100
80) Benzo(a)anthracene	22.01	228	79509	4.172	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.87	149	12004	1.145	ng/ul#	96
82) Chrysene	22.08	228	77909	4.539	ng/ul	95
85) Benzo(b)fluoranthene	24.43	252	127942	6.503	ng/ul#	99
86) Benzo(k)fluoranthene	24.49	252	45871m	2.387	ng/ul	
88) Benzo(a)pyrene	25.39	252	106554	5.593	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.56	276	71446m	3.203	ng/ul	
90) Dibenzo(a,h)anthracene	29.62	278	19415m	1.038	ng/ul	
91) Benzo(g,h,i)perylene	30.85	276	60582m	3.301	ng/ul	

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

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