Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\
Data File : BG025621.D
Acq On : 24 Jan 2017 23:47
Operator : UM/SJ
Sample : I1316-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDP21

Manual Integrations APPROVED
mohammad
1/25/2017 3:47:56 PM

Quant Time: Jan 25 03:06:02 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 02:56:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	64841m	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	314529	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	278541	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	625863m	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	756006	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	779493	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	5826	4.50	ng/uL	0.00
5) Phenol-d5	7.34	99	139267	25.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	101722	28.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	106121m	27.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	100612	21.30	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	61316	27.50	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	74540	28.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	118272	22.54	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	143193	24.41	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	541089	27.51	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	604759	28.46	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	62111m	23.04	ng/ul	0.01
57) Fluorene-d10	15.80	176	493099	26.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.94	200	98673	25.56	ng/ul	0.00
70) Anthracene-d10	17.65	188	772847	29.00	ng/ul	0.00
76) Pyrene-d10	19.93	212	932680	29.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	951046	29.03	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.36	94	20832m	3.57	ng/ul	
44) Dimethylphthalate	14.25	163	134773	6.97	ng/ul	96
69) Phenanthrene	17.60	178	106332	3.50	ng/ul	95
74) Fluoranthene	19.60	202	324115	9.03	ng/ul	99
77) Pyrene	19.96	202	278807	7.50	ng/ul	97
80) Benzo(a)anthracene	21.82	228	187386	4.69	ng/ul	96
82) Chrysene	21.89	228	159775	4.25	ng/ul	97
85) Benzo(b)fluoranthene	24.16	252	205721	5.10	ng/ul#	98
86) Benzo(k)fluoranthene	24.21	252	61839	1.63	ng/ul#	91
88) Benzo(a)pyrene	25.07	252	143915	3.77	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	29.16	276	100004m	2.07	ng/ul	
91) Benzo(g,h,i)perylene	30.40	276	91839m	2.31	ng/ul	

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

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