Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081517\
Data File : BG028356.D
Acq On : 15 Aug 2017 23:19
Operator : SJ/JU
Sample : I4672-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AG5

Manual Integrations APPROVED
Sohil
8/16/2017 6:41:03 PM

Quant Time: Aug 16 04:32:28 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 16 04:06:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	46117	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	221418	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	156427	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	358428	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	404155	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	384754	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.84	96	3172	3.20	ng/uL	0.00
5) Phenol-d5	7.52	99	106132	20.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	62885	19.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	77481	24.25	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	86811	20.51	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	41491	23.96	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	48513	25.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	91673	23.34	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	63485	14.52	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	320521	23.04	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	379354	24.18	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	39752	17.97	ng/ul	0.00
57) Fluorene-d10	15.95	176	284471	22.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	49973	21.46	ng/ul	0.00
70) Anthracene-d10	17.81	188	450845	26.23	ng/ul	0.00
76) Pyrene-d10	20.09	212	510446	24.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	464002	25.76	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	11.23	128	16881	1.539	ng/ul	98
34) 2-Methylnaphthalene	12.81	142	14149	1.606	ng/ul	93
44) Dimethylphthalate	14.40	163	83564	6.523	ng/ul	99
69) Phenanthrene	17.76	178	150410	8.338	ng/ul	97
71) Anthracene	17.85	178	26982	1.464	ng/ul	99
74) Fluoranthene	19.75	202	368304	16.801	ng/ul	100
77) Pyrene	20.12	202	309816	12.849	ng/ul	99
80) Benzo(a)anthracene	22.03	228	209880	8.988	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.87	149	14051	1.094	ng/ul#	88
82) Chrysene	22.09	228	191399	9.101	ng/ul	100
85) Benzo(b)fluoranthene	24.44	252	274321	11.915	ng/ul#	96
86) Benzo(k)fluoranthene	24.50	252	119934m	5.333	ng/ul	
88) Benzo(a)pyrene	25.39	252	191595	8.595	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.61	276	132281m	5.067	ng/ul	
91) Benzo(g,h,i)perylene	30.86	276	97547	4.542	ng/ul#	86

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

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