Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021882.D
Acq On : 12 May 2016 23:56
Operator : UM/SJ
Sample : H2936-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9WK9

Manual Integrations APPROVED
sohil
5/13/2016 8:13:27 PM

Quant Time: May 13 08:04:30 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 04:58:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	40122	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	240198	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	169279	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	363287	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	359527	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	363268	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.56	96	5029	6.05	ng/uL	0.00
5) Phenol-d5	7.32	99	120032	40.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	56694	38.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	108582	46.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	107368	42.94	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	57426	36.37	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	61149	61.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	112462m	39.88	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	101460	33.39	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	351178	29.54	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	472228	27.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	63307m	31.06	ng/ul	0.00
58) Fluorene-d10	15.78	176	321516	25.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	33759	33.55	ng/ul	0.00
71) Anthracene-d10	17.64	188	443572	25.08	ng/ul	0.00
77) Pyrene-d10	19.91	212	470921	27.98	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.93	264	448442	25.98	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.24	163	67979	5.61	ng/ul	98
70) Phenanthrene	17.58	178	158439	7.98	ng/ul	99
75) Fluoranthene	19.58	202	188114	8.34	ng/ul	98
78) Pyrene	19.94	202	130106	6.25	ng/ul	95
81) Benzo(a)anthracene	21.81	228	27104m	1.35	ng/ul	
82) Bis(2-ethylhexyl)phthalate	21.69	149	12643	1.68	ng/ul#	88
83) Chrysene	21.87	228	72459	3.66	ng/ul	97
86) Benzo(b)fluoranthene	24.10	252	86892	4.18	ng/ul#	94
87) Benzo(k)fluoranthene	24.16	252	37496m	1.68	ng/ul	
89) Benzo(a)pyrene	25.00	252	40925	1.98	ng/ul#	95
90) Indeno(1,2,3-cd)pyrene	28.98	276	43195m	1.76	ng/ul	
92) Benzo(g,h,i)perylene	30.17	276	35062m	1.73	ng/ul	

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

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