Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
Data File : BG019234.D
Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK1

Manual Integrations APPROVED
MMdadoda
10/19/2015 6:29:32 PM

Quant Time: Oct 19 15:43:02 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 00:27:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27218	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	106256	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.66	164	63134	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.44	188	159633	20.00	ng/ul	0.06
78) Chrysene-d12	21.74	240	170555	20.00	ng/ul	0.09
86) Perylene-d12	25.05	264	160084m	20.00	ng/ul	0.20
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	1312	2.68	ng/uL	0.00
5) Phenol-d5	7.19	99	34372	14.47	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.33	67	23326	15.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	27842	16.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	27656	13.74	ng/ul	0.02
19) Nitrobenzene-d5	9.17	128	14223	17.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	16363	18.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	26665	15.50	ng/ul	0.02
29) 4-Chloroaniline-d4	10.97	131	44045m	19.87	ng/ul	0.03
44) Dimethylphthalate-d6	14.10	166	92354m	16.73	ng/ul	0.06
47) Acenaphthylene-d8	14.36	160	90693	15.19	ng/ul	0.03
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.66	176	186306	39.48	ng/ul	0.03
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.54	188	142898	18.95	ng/ul	0.06
79) Pyrene-d10	19.84	212	167767	21.69	ng/ul	0.07
90) Benzo(a)pyrene-d12	24.82	264	128832m	15.93	ng/ul	0.19
Target Compounds						Qvalue
14) Acetophenone	8.82	105	12728	3.75	ng/ul#	66
24) 2,4-Dimethylphenol	10.04	107	396823m	177.42	ng/ul	
28) Naphthalene	10.87	128	202464	36.45	ng/ul	99
34) 2-Methylnaphthalene	12.48	142	235552	53.50	ng/ul	99
35) 1-Methylnaphthalene	12.70	142	216551	50.23	ng/ul#	98
41) 1,1'-Biphenyl	13.49	154	138022	28.00	ng/ul	96
50) Acenaphthene	14.72	153	92858	21.07	ng/ul#	89
54) Dibenzofuran	15.07	168	612307	98.29	ng/ul#	78
59) Fluorene	15.73	166	519194	97.38	ng/ul#	94
70) Phenanthrene	17.49	178	1957307	219.59	ng/ul#	84
72) Anthracene	17.58	178	413251	45.63	ng/ul#	83
77) Fluoranthene	19.50	202	898511	80.53	ng/ul#	94
80) Pyrene	19.87	202	1006018	99.38	ng/ul#	93
83) Benzo(a)anthracene	21.71	228	245632	25.50	ng/ul#	77
85) Chrysene	21.78	228	283631	31.13	ng/ul#	79
91) Benzo(a)pyrene	24.90	252	98669m	11.30	ng/ul	

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

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