Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG122015\
Data File : BG020369.D
Acq On : 21 Dec 2015 8:21
Operator : UM/SJ
Sample : G4848-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N64

Manual Integrations APPROVED
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12/22/2015 4:48:33 PM

Quant Time: Dec 30 02:50:35 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 07:46:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	18526	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	78052	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	55257	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	131888m	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	165755	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	154183	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	2319	6.91	ng/uL	0.00
5) Phenol-d5	7.25	99	60967	37.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	37881	38.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	50065	42.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	55397	39.65	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	26325	43.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	32116	47.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	59446	43.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	72498	47.06	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	201002	44.97	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	235942	45.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	29652	36.99	ng/ul	0.00
58) Fluorene-d10	15.71	176	181763	44.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	29335	37.52	ng/ul	0.00
71) Anthracene-d10	17.57	188	282670	46.51	ng/ul	0.00
79) Pyrene-d10	19.85	212	338138	43.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	383975	49.93	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.96	128	420708	103.22	ng/ul	98
34) 2-Methylnaphthalene	12.56	142	98735	31.71	ng/ul	98
41) 1,1'-Biphenyl	13.55	154	37611	9.02	ng/ul	99
45) Dimethylphthalate	14.17	163	89040	19.51	ng/ul	100
48) Acenaphthylene	14.45	152	11701	2.12	ng/ul#	91
50) Acenaphthene	14.79	153	173523	46.68	ng/ul	97
54) Dibenzofuran	15.12	168	183061	33.11	ng/ul	98
59) Fluorene	15.77	166	167094	37.63	ng/ul	99
70) Phenanthrene	17.51	178	750258m	104.00	ng/ul	
72) Anthracene	17.60	178	83764	11.45	ng/ul	98
75) Carbazole	17.87	167	93957	15.28	ng/ul	100
77) Fluoranthene	19.52	202	450804	53.47	ng/ul	98
80) Pyrene	19.88	202	299188	29.82	ng/ul	99
83) Benzo(a)anthracene	21.72	228	70856	7.33	ng/ul	97
85) Chrysene	21.79	228	60126	6.60	ng/ul	97
88) Benzo(b)fluoranthene	23.97	252	28312	3.05	ng/ul#	92
89) Benzo(k)fluoranthene	24.03	252	13595m	1.53	ng/ul	
91) Benzo(a)pyrene	24.86	252	17385m	1.98	ng/ul	

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

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