Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072715\
Data File : BG018161.D
Acq On : 28 Jul 2015 23:53
Operator : TP/UM
Sample : G3048-01
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01S6

Manual Integrations APPROVED
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7/29/2015 1:21:29 PM

Quant Time: Aug 07 18:23:24 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 29 01:59:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	49537	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	220789	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.19	164	136641	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	271006	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	305655	20.00	ng/ul	0.01
86) Perylene-d12	23.36	264	319136	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	1083	1.37	ng/uL	0.00
5) Phenol-d5	6.71	99	30147	7.89	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.85	67	17166	9.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	31299	9.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	11639	3.43	ng/ul	0.01
19) Nitrobenzene-d5	8.67	128	18405	10.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	20692	11.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	28341	8.83	ng/ul	0.01
29) 4-Chloroaniline-d4	10.45	131	2860	0.77	ng/ul	0.01
44) Dimethylphthalate-d6	13.60	166	99388	10.36	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	123149	10.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	11477	5.69	ng/ul	0.01
58) Fluorene-d10	15.18	176	93245	10.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	2741	1.58	ng/ul	0.01
71) Anthracene-d10	17.04	188	126370	10.77	ng/ul	0.00
79) Pyrene-d10	19.36	212	140668	10.05	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.22	264	149232	9.80	ng/ul	0.03
Target Compounds						Qvalue
14) Acetophenone	8.32	105	10214	2.14	ng/ul#	41
28) Naphthalene	10.35	128	74056	7.16	ng/ul	98
34) 2-Methylnaphthalene	11.98	142	17326	2.22	ng/ul	93
45) Dimethylphthalate	13.65	163	40445	4.19	ng/ul	99
59) Fluorene	15.24	166	14165	1.43	ng/ul#	93
70) Phenanthrene	16.98	178	128651	9.45	ng/ul	98
72) Anthracene	17.08	178	23792m	1.72	ng/ul	
76) Di-n-butylphthalate	17.93	149	31932	2.03	ng/ul	97
77) Fluoranthene	19.02	202	248273	17.12	ng/ul	95
80) Pyrene	19.39	202	239119	13.66	ng/ul	95
81) Butylbenzylphthalate	20.30	149	136908	19.12	ng/ul	93
83) Benzo(a)anthracene	21.14	228	109174	6.75	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.08	149	68801	6.70	ng/ul#	96
85) Chrysene	21.20	228	120045m	7.89	ng/ul	
88) Benzo(b)fluoranthene	22.71	252	167780	9.60	ng/ul#	35
91) Benzo(a)pyrene	23.26	252	89708	5.30	ng/ul#	34
92) Indeno(1,2,3-cd)pyrene	25.59	276	43754	2.24	ng/ul#	90
94) Benzo(g,h,i)perylene	26.28	276	36083	2.24	ng/ul#	83

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

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