Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003658.D
Acq On : 20 Dec 2015 17:17
Operator : UM/SJ
Sample : G4867-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA1

Manual Integrations APPROVED
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12/22/2015 12:19:20 PM

Quant Time: Dec 23 12:17:16 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 02:19:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	23163	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	104724	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.35	164	71321	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	155002	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	221841	20.00	ng/ul	0.00
86) Perylene-d12	23.56	264	204196	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	396	0.92	ng/uL	0.00
5) Phenol-d5	6.87	99	14650	7.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	32648	31.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	43413	27.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	30794	18.21	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	32170	42.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	31984	37.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	53785	34.47	ng/ul	0.02
29) 4-Chloroaniline-d4	10.67	131	10527m	5.07	ng/ul	0.05
44) Dimethylphthalate-d6	13.77	166	199208	33.80	ng/ul	0.01
47) Acenaphthylene-d8	14.05	160	227030	33.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	11599m	10.10	ng/ul	0.02
58) Fluorene-d10	15.35	176	170102	34.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	30183	34.55	ng/ul	0.00
71) Anthracene-d10	17.20	188	256398	36.36	ng/ul	0.00
79) Pyrene-d10	19.51	212	325820	33.62	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.41	264	362111	35.70	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.90	94	9174	4.46	ng/ul	97
11) 2-Methylphenol	8.15	108	16142	9.92	ng/ul	100
14) Acetophenone	8.50	105	15892	6.02	ng/ul#	59
16) 4-Methylphenol	8.47	108	8259	4.55	ng/ul	88
24) 2,4-Dimethylphenol	9.68	107	72490	37.36	ng/ul	99
28) Naphthalene	10.60	128	10965670	2032.37	ng/ul	97
34) 2-Methylnaphthalene	12.19	142	2791730	692.84	ng/ul	100
41) 1,1'-Biphenyl	13.18	154	283330	48.91	ng/ul	100
45) Dimethylphthalate	13.82	163	25998	4.31	ng/ul#	89
48) Acenaphthylene	14.07	152	247224	33.69	ng/ul#	92
50) Acenaphthene	14.43	153	801749	163.60	ng/ul	98
54) Dibenzofuran	14.75	168	87619	12.53	ng/ul	94
59) Fluorene	15.40	166	378552	67.42	ng/ul	99
70) Phenanthrene	17.15	178	684549	79.84	ng/ul	100
72) Anthracene	17.24	178	174586	19.97	ng/ul	98
75) Carbazole	17.52	167	105169	13.18	ng/ul#	90
77) Fluoranthene	19.17	202	107795	10.94	ng/ul	99
80) Pyrene	19.54	202	178921	14.01	ng/ul	98
83) Benzo(a)anthracene	21.29	228	42433m	3.17	ng/ul	
85) Chrysene	21.34	228	40971	3.18	ng/ul	95
88) Benzo(b)fluoranthene	22.89	252	23296	1.89	ng/ul#	89

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

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