Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008368.D
Acq On : 16 Dec 2016 06:16
Operator : UM/SJ
Sample : H5937-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8G5

Manual Integrations APPROVED
sohil
12/16/2016 6:22:38 PM

Quant Time: Dec 16 06:56:03 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:34:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	150043	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	555380	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	344492	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	673654	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	860100	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	917476	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	6900	2.16	ng/uL	0.00
5) Phenol-d5	6.86	99	128574	11.05	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.01	67	79740	11.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	108592	12.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	104680	11.61	ng/ul	0.01
19) Nitrobenzene-d5	8.83	128	52414	13.06	ng/ul	0.01
22) 2-Nitrophenol-d4	9.55	143	55244	12.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	93676	11.49	ng/ul	0.04
29) 4-Chloroaniline-d4	10.64	131	54666m	5.85	ng/ul	0.04
43) Dimethylphthalate-d6	13.73	166	327203	14.29	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	383814	14.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	27800m	8.24	ng/ul	0.05
57) Fluorene-d10	15.31	176	285619	14.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	29438	7.34	ng/ul	0.01
70) Anthracene-d10	17.16	188	435028	14.82	ng/ul	0.00
76) Pyrene-d10	19.46	212	526195	15.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	588321	15.27	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.89	94	19905	1.65	ng/ul	94
44) Dimethylphthalate	13.77	163	113778	5.07	ng/ul	100
49) Acenaphthene	14.37	153	20516	1.08	ng/ul	91
58) Fluorene	15.37	166	33045	1.46	ng/ul	92
69) Phenanthrene	17.10	178	2024200	58.64	ng/ul	99
71) Anthracene	17.19	178	169031m	4.82	ng/ul	
72) Carbazole	17.47	167	405938	13.16	ng/ul	98
74) Fluoranthene	19.13	202	6011539	141.79	ng/ul	97
77) Pyrene	19.49	202	5004757	118.51	ng/ul	99
80) Benzo(a)anthracene	21.24	228	2154394	48.46	ng/ul	98
82) Chrysene	21.30	228	2915533	68.20	ng/ul	97
85) Benzo(b)fluoranthene	22.83	252	4266067	86.14	ng/ul	98
86) Benzo(k)fluoranthene	22.86	252	1484428m	31.32	ng/ul	
88) Benzo(a)pyrene	23.39	252	2257964	47.32	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.73	276	2324921	40.13	ng/ul	97
90) Dibenzo(a,h)anthracene	25.73	278	562371	11.56	ng/ul#	88
91) Benzo(g,h,i)perylene	26.42	276	2300823	47.48	ng/ul	99

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

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