Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
Data File : BM007038.D
Acq On : 12 Aug 2016 11:46
Operator : UM/SJ
Sample : H4387-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 15 15:20:39 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 01:51:15 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PR002-SS001-1218-01

Manual Integrations APPROVED
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8/15/2016 6:53:34 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	405266	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1834271	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	1071716	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	2245729	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	2114898	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	2288313	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	18927	2.04	ng/uL	0.00
5) Phenol-d5	6.97	99	461842	14.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	276456	14.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	371081	14.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	355253	13.15	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	187135	14.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	200932	14.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	405831	13.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	369481	10.42	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1262960	14.26	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1555797	14.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	168368	10.61	ng/ul	0.00
57) Fluorene-d10	15.43	176	1095931	14.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	99568	8.02	ng/ul	0.00
70) Anthracene-d10	17.29	188	1596990	15.35	ng/ul	0.00
76) Pyrene-d10	19.58	212	1575492	17.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	1564191	14.94	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.00	94	38800	1.12	ng/ul	94
28) Naphthalene	10.65	128	92085	1.01	ng/ul	98
34) 2-Methylnaphthalene	12.26	142	107922	1.54	ng/ul	98
44) Dimethylphthalate	13.90	163	1280991	14.47	ng/ul	99
47) Acenaphthylene	14.16	152	840742	7.68	ng/ul	98
58) Fluorene	15.49	166	240581	2.83	ng/ul#	96
69) Phenanthrene	17.23	178	3848316	31.87	ng/ul	99
71) Anthracene	17.32	178	575235	4.64	ng/ul	99
74) Fluoranthene	19.24	202	3715868	25.37	ng/ul	99
77) Pyrene	19.61	202	6312464	53.99	ng/ul	99
80) Benzo(a)anthracene	21.36	228	2296586m	18.38	ng/ul	
82) Chrysene	21.41	228	2867005	25.11	ng/ul	95
85) Benzo(b)fluoranthene	22.97	252	2235984m	16.22	ng/ul	
86) Benzo(k)fluoranthene	22.99	252	808218m	6.24	ng/ul	
88) Benzo(a)pyrene	23.55	252	1990537	15.23	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.94	276	1165884	7.28	ng/ul	97
90) Dibenzo(a,h)anthracene	25.95	278	343883	2.56	ng/ul#	83
91) Benzo(g,h,i)perylene	26.65	276	1307692	9.66	ng/ul	98

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

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