Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005022.D
Acq On : 21 Apr 2016 13:48
Operator : UM/SJ
Sample : H2567-17DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J1DL

Manual Integrations APPROVED
UMANGI
4/21/2016 8:12:20 PM

Quant Time: Apr 21 17:45:46 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 15 22:59:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	42573	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	183910	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	105607	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	232121	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	262042	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	258620	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.97	99	6750	2.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	4744	2.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	5847	2.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	5554	2.21	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	2391	1.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	2201	1.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	5512	2.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	8318	2.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	22940	3.19	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	26425	3.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	584	0.48	ng/ul	0.01
57) Fluorene-d10	15.44	176	22232	3.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.29	188	33611	3.64	ng/ul	0.00
76) Pyrene-d10	19.59	212	39262	3.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	37530	3.77	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.65	128	425174	51.89	ng/ul	100
34) 2-Methylnaphthalene	12.26	142	96451	16.15	ng/ul	99
40) 1,1'-Biphenyl	13.27	154	30984	4.09	ng/ul	98
47) Acenaphthylene	14.16	152	27943	2.99	ng/ul	96
49) Acenaphthene	14.51	153	105245	17.28	ng/ul	99
53) Dibenzofuran	14.84	168	148795	16.88	ng/ul	99
58) Fluorene	15.49	166	156485	23.09	ng/ul	100
69) Phenanthrene	17.23	178	683607	63.11	ng/ul	99
71) Anthracene	17.32	178	202262	18.46	ng/ul	99
72) Carbazole	17.59	167	95356	10.34	ng/ul	98
74) Fluoranthene	19.25	202	485879	43.54	ng/ul	98
77) Pyrene	19.62	202	351117	25.35	ng/ul	98
80) Benzo(a)anthracene	21.36	228	131286	10.17	ng/ul	99
82) Chrysene	21.42	228	107511	8.79	ng/ul	97
85) Benzo(b)fluoranthene	22.98	252	93971	7.32	ng/ul	100
86) Benzo(k)fluoranthene	23.02	252	30470m	2.46	ng/ul	
88) Benzo(a)pyrene	23.56	252	56552	4.60	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.97	276	24322	1.78	ng/ul#	94
91) Benzo(g,h,i)perylene	26.68	276	17800	1.55	ng/ul	97

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

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