Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005014.D
Acq On : 21 Apr 2016 05:57
Operator : UM/SJ
Sample : H2567-28
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7J3

Manual Integrations APPROVED
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Quant Time: Apr 21 11:22:12 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	48359	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	210870	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	120765	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	265527	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	303194	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	298835	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	5732	6.35	ng/uL	0.00
5) Phenol-d5	6.97	99	108340	31.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	65335	33.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	88615	30.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	87478	30.67	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	42144	30.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	47458	30.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	83795	29.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	119421	37.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	262449	31.95	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	325589	32.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	34754	24.80	ng/ul	0.00
57) Fluorene-d10	15.44	176	232444	32.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	29775	25.92	ng/ul	0.00
70) Anthracene-d10	17.29	188	345817	32.78	ng/ul	0.00
76) Pyrene-d10	19.59	212	393730	31.16	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	403093	35.03	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.65	128	210553	22.41	ng/ul	100
34) 2-Methylnaphthalene	12.26	142	91725	13.40	ng/ul	100
40) 1,1'-Biphenyl	13.27	154	45265	5.23	ng/ul	100
44) Dimethylphthalate	13.90	163	85669	10.48	ng/ul	100
47) Acenaphthylene	14.16	152	37412	3.50	ng/ul#	97
49) Acenaphthene	14.50	153	116921	16.79	ng/ul	100
53) Dibenzofuran	14.84	168	168729	16.74	ng/ul	100
58) Fluorene	15.49	166	156368	20.17	ng/ul	99
69) Phenanthrene	17.23	178	656451	52.98	ng/ul	99
71) Anthracene	17.32	178	92239	7.36	ng/ul	99
72) Carbazole	17.59	167	30908	2.93	ng/ul	99
74) Fluoranthene	19.25	202	429502	33.65	ng/ul	98
77) Pyrene	19.62	202	308479	19.25	ng/ul	98
80) Benzo(a)anthracene	21.36	228	112662	7.54	ng/ul	98
82) Chrysene	21.42	228	94601	6.68	ng/ul	97
85) Benzo(b)fluoranthene	22.97	252	68776	4.64	ng/ul	97
86) Benzo(k)fluoranthene	23.02	252	28788m	2.01	ng/ul	
88) Benzo(a)pyrene	23.56	252	46690	3.29	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.97	276	17739	1.12	ng/ul	96
91) Benzo(g,h,i)perylene	26.67	276	13718	1.03	ng/ul	99

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

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