Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005029.D
Acq On : 21 Apr 2016 18:02
Operator : UM/SJ
Sample : H2567-05DL 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Apr 21 18:52:39 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

Instrument : BNA_M
ClientSampleId : BC7M3DL

Manual Integrations APPROVED
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4/21/2016 8:12:36 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	47803	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	204273	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	114015	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	236044	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	252621	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	251573	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	3092	0.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	6994	3.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	7932	2.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	5630	2.00	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	4691	3.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	3998	2.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	8727	3.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	2747	0.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	30681	3.96	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	36672	3.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	359	0.27	ng/ul	0.02
57) Fluorene-d10	15.44	176	28718	4.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	1145	1.12	ng/ul	0.00
70) Anthracene-d10	17.29	188	41219	4.39	ng/ul	0.00
76) Pyrene-d10	19.59	212	43828	4.16	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	41473	4.28	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.67	128	4846772	532.54	ng/ul	98
34) 2-Methylnaphthalene	12.26	142	897547	135.33	ng/ul	99
40) 1,1'-Biphenyl	13.27	154	199041	24.34	ng/ul	99
47) Acenaphthylene	14.16	152	23049	2.28	ng/ul#	90
49) Acenaphthene	14.51	153	478851	72.83	ng/ul	99
53) Dibenzofuran	14.84	168	530849	55.79	ng/ul	98
58) Fluorene	15.50	166	394681	53.93	ng/ul	99
69) Phenanthrene	17.24	178	1349804	122.54	ng/ul	98
71) Anthracene	17.32	178	170419	15.30	ng/ul	99
72) Carbazole	17.59	167	210115	22.40	ng/ul	99
74) Fluoranthene	19.25	202	885701	78.05	ng/ul	98
77) Pyrene	19.62	202	651276	48.77	ng/ul	97
80) Benzo(a)anthracene	21.36	228	212455	17.07	ng/ul	98
82) Chrysene	21.41	228	142757	12.11	ng/ul	98
85) Benzo(b)fluoranthene	22.98	252	124839	10.00	ng/ul	99
86) Benzo(k)fluoranthene	23.01	252	50693m	4.21	ng/ul	
88) Benzo(a)pyrene	23.56	252	80135	6.71	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.97	276	27995	2.11	ng/ul#	90
91) Benzo(g,h,i)perylene	26.69	276	22304	1.99	ng/ul	93

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

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