Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005577.D
Acq On : 22 May 2016 07:15
Operator : UM/SJ
Sample : H2890-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9WT8

Manual Integrations APPROVED
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Quant Time: May 23 08:01:23 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 05:32:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	152528	20.00	ng/ul	0.02
18) Naphthalene-d8	10.62	136	644859	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.46	164	364253	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.20	188	790919	20.00	ng/ul	0.01
75) Chrysene-d12	21.39	240	819927	20.00	ng/ul	0.02
83) Perylene-d12	23.68	264	870196	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	6806	1.95	ng/uL	0.02
5) Phenol-d5	7.00	99	152484	12.20	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.16	67	96586	13.33	ng/ul	0.01
9) 2-Chlorophenol-d4	7.36	132	134664	12.91	ng/ul	0.02
13) 4-Methylphenol-d8	8.53	113	117627	11.48	ng/ul	0.02
19) Nitrobenzene-d5	8.98	128	68019	13.80	ng/ul	0.01
22) 2-Nitrophenol-d4	9.70	143	72190	13.30	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.24	165	126731	12.40	ng/ul	0.01
29) 4-Chloroaniline-d4	10.76	131	7054	0.69	ng/ul	0.02
43) Dimethylphthalate-d6	13.87	166	382110	12.85	ng/ul	0.01
46) Acenaphthylene-d8	14.15	160	495660	13.33	ng/ul	0.01
51) 4-Nitrophenol-d4	14.66	143	30613	5.44	ng/ul	0.01
57) Fluorene-d10	15.45	176	340927	13.18	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.57	200	38166	8.39	ng/ul	0.01
70) Anthracene-d10	17.30	188	492588	13.07	ng/ul	0.01
76) Pyrene-d10	19.59	212	535030	14.41	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.53	264	519243	12.78	ng/ul	0.03
Target Compounds						Qvalue
4) Benzaldehyde	6.97	77	58323	7.19	ng/ul	98
44) Dimethylphthalate	13.91	163	138741	4.72	ng/ul	99
69) Phenanthrene	17.24	178	158559	3.59	ng/ul	99
74) Fluoranthene	19.26	202	248898	5.00	ng/ul	98
77) Pyrene	19.62	202	202641	4.30	ng/ul	98
80) Benzo(a)anthracene	21.37	228	113992	2.37	ng/ul	93
82) Chrysene	21.42	228	127512m	2.78	ng/ul	
85) Benzo(b)fluoranthene	22.99	252	174223	3.39	ng/ul#	90
86) Benzo(k)fluoranthene	23.02	252	57398m	1.18	ng/ul	
88) Benzo(a)pyrene	23.57	252	113831	2.29	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.00	276	92527	1.56	ng/ul	99
91) Benzo(g,h,i)perylene	26.71	276	78911	1.59	ng/ul	94

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

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