Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005620.D
Acq On : 23 May 2016 21:46
Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGK5

Manual Integrations APPROVED
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5/24/2016 7:41:35 PM

Quant Time: May 24 07:17:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 06:55:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	150484	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	701028	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	389532	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	832594	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	892874	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	951790	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	8501	2.47	ng/uL	0.00
5) Phenol-d5	6.98	99	184117	14.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	110599	15.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	153579	14.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	146644	14.51	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	74645	13.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	81069	13.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	146919	13.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	139275	12.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	448162	14.09	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	564700	14.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	62765	10.44	ng/ul	0.00
57) Fluorene-d10	15.43	176	395703	14.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	36518	7.63	ng/ul	0.00
70) Anthracene-d10	17.28	188	596598	15.04	ng/ul	0.00
76) Pyrene-d10	19.57	212	637952	15.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	615913	13.86	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.62	105	43201	2.84	ng/ul	97
44) Dimethylphthalate	13.89	163	90515	2.88	ng/ul	100
47) Acenaphthylene	14.16	152	166934	4.13	ng/ul	98
49) Acenaphthene	14.50	153	36667	1.38	ng/ul	99
58) Fluorene	15.49	166	146208	4.80	ng/ul	100
69) Phenanthrene	17.22	178	1588210	34.13	ng/ul	99
71) Anthracene	17.32	178	393888	8.31	ng/ul	100
74) Fluoranthene	19.24	202	1843375	35.19	ng/ul	98
77) Pyrene	19.60	202	2149621	41.88	ng/ul	99
80) Benzo(a)anthracene	21.34	228	789666	15.05	ng/ul	93
82) Chrysene	21.40	228	842553	16.87	ng/ul	96
85) Benzo(b)fluoranthene	22.95	252	782542	13.94	ng/ul#	97
86) Benzo(k)fluoranthene	22.99	252	270556m	5.09	ng/ul	
88) Benzo(a)pyrene	23.54	252	745151	13.68	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.94	276	388187	6.00	ng/ul	99
90) Dibenzo(a,h)anthracene	25.94	278	95482	1.77	ng/ul#	88
91) Benzo(g,h,i)perylene	26.64	276	337020	6.20	ng/ul	96

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

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