Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005600.D
Acq On : 22 May 2016 23:17
Operator : UM/SJ
Sample : H3124-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF1

Manual Integrations APPROVED
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5/23/2016 8:35:58 PM

Quant Time: May 23 07:40:22 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	7.82	152	137766	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	638351	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	365922	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	740928	20.00	ng/ul	0.01
75) Chrysene-d12	21.37	240	703174	20.00	ng/ul	0.01
83) Perylene-d12	23.67	264	665603	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	9757	3.10	ng/uL	0.00
5) Phenol-d5	6.99	99	285455	25.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	156167	23.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	231234	24.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	238745	25.80	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	113915	23.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	126042	23.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	237576	23.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	108766	10.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	702898	23.53	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	923773	24.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	113640	20.11	ng/ul	0.00
57) Fluorene-d10	15.44	176	604989	23.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	41627	9.77	ng/ul	0.00
70) Anthracene-d10	17.30	188	904501	25.63	ng/ul	0.01
76) Pyrene-d10	19.59	212	980463	30.79	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.53	264	763759	24.57	ng/ul	0.03
Target Compounds						Qvalue
28) Naphthalene	10.66	128	81888	2.55	ng/ul	100
34) 2-Methylnaphthalene	12.27	142	60644	2.58	ng/ul	98
44) Dimethylphthalate	13.90	163	89092	3.02	ng/ul#	95
47) Acenaphthylene	14.17	152	476490	12.56	ng/ul	98
49) Acenaphthene	14.52	153	59507	2.38	ng/ul	95
53) Dibenzofuran	14.84	168	37354	1.05	ng/ul#	73
58) Fluorene	15.50	166	186191	6.51	ng/ul	97
69) Phenanthrene	17.24	178	2822686	68.17	ng/ul	99
71) Anthracene	17.33	178	803390	19.04	ng/ul	97
72) Carbazole	17.60	167	40249	1.10	ng/ul#	51
74) Fluoranthene	19.26	202	4329952	92.90	ng/ul	99
77) Pyrene	19.63	202	5251487	129.91	ng/ul	97
80) Benzo(a)anthracene	21.36	228	1906850m	46.14	ng/ul	
82) Chrysene	21.42	228	1865886	47.45	ng/ul	96
85) Benzo(b)fluoranthene	22.98	252	1799670	45.84	ng/ul#	91
86) Benzo(k)fluoranthene	23.01	252	605735m	16.30	ng/ul	
88) Benzo(a)pyrene	23.57	252	1741967	45.74	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.00	276	1254919	27.74	ng/ul	99
90) Dibenzo(a,h)anthracene	26.00	278	256800	6.82	ng/ul#	79
91) Benzo(g,h,i)perylene	26.73	276	1329134	34.95	ng/ul	96

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

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