Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005601.D
Acq On : 22 May 2016 23:53
Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

Manual Integrations APPROVED
umangi
5/23/2016 8:36:00 PM

Quant Time: May 23 14:23:49 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	141046	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	570044	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	292659	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.22	188	617328	20.00	ng/ul	0.03
75) Chrysene-d12	21.38	240	625317	20.00	ng/ul	0.02
83) Perylene-d12	23.68	264	602573m	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	11311	3.51	ng/uL	0.00
5) Phenol-d5	7.00	99	299650	25.92	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.15	67	192999	28.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	245894	25.49	ng/ul	0.01
13) 4-Methylphenol-d8	8.53	113	243203	25.67	ng/ul	0.01
19) Nitrobenzene-d5	8.97	128	123478	28.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	132610	27.64	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.24	165	248591	27.51	ng/ul	0.01
29) 4-Chloroaniline-d4	10.73	131	366919	40.55	ng/ul	-0.01
43) Dimethylphthalate-d6	13.87	166	631356	26.43	ng/ul	0.01
46) Acenaphthylene-d8	14.16	160	853640	28.58	ng/ul	0.02
51) 4-Nitrophenol-d4	14.67	143	150772	33.37	ng/ul	0.02
57) Fluorene-d10	15.46	176	568235	27.34	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.57	200	22797	6.42	ng/ul	0.01
70) Anthracene-d10	17.31	188	861806	29.31	ng/ul	0.02
76) Pyrene-d10	19.60	212	944108	33.34	ng/ul	0.03
87) Benzo(a)pyrene-d12	23.53	264	732578	26.04	ng/ul	0.04
Target Compounds						Qvalue
24) 2,4-Dimethylphenol	9.83	107	41783	3.92	ng/ul	87
28) Naphthalene	10.67	128	45317m	1.58	ng/ul	
44) Dimethylphthalate	13.92	163	145489	6.16	ng/ul#	79
47) Acenaphthylene	14.19	152	196183m	6.47	ng/ul	
49) Acenaphthene	14.53	153	101325	5.06	ng/ul#	84
58) Fluorene	15.52	166	175314	7.67	ng/ul#	82
69) Phenanthrene	17.26	178	719387	20.85	ng/ul#	90
71) Anthracene	17.34	178	199873	5.68	ng/ul#	73
74) Fluoranthene	19.27	202	873634	22.50	ng/ul	99
77) Pyrene	19.63	202	1473394	40.99	ng/ul	98
80) Benzo(a)anthracene	21.37	228	414673	11.28	ng/ul#	71
81) Bis(2-ethylhexyl)phthalate	21.29	149	226683	10.59	ng/ul#	89
82) Chrysene	21.42	228	586363	16.77	ng/ul#	85
85) Benzo(b)fluoranthene	22.99	252	534127m	15.03	ng/ul	
86) Benzo(k)fluoranthene	23.03	252	190172m	5.65	ng/ul	
88) Benzo(a)pyrene	23.58	252	576594m	16.72	ng/ul	
89) Indeno(1,2,3-cd)pyrene	26.01	276	374230m	9.14	ng/ul	
90) Dibenzo(a,h)anthracene	26.01	278	94460m	2.77	ng/ul	
91) Benzo(g,h,i)perylene	26.73	276	411632m	11.96	ng/ul	

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

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