Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005634.D
Acq On : 24 May 2016 06:43
Operator : UM/SJ
Sample : H3124-01RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF1RE

Manual Integrations APPROVED
umangi
5/24/2016 7:42:07 PM

Quant Time: May 24 08:11:09 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	7.82	152	312371	20.00	ng/ul	0.01
18) Naphthalene-d8	10.62	136	1318042	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.46	164	566156	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.22	188	844776	20.00	ng/ul	0.03
75) Chrysene-d12	21.39	240	611963	20.00	ng/ul	0.03
83) Perylene-d12	23.70	264	668065	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	18336	2.57	ng/uL	0.00
5) Phenol-d5	7.01	99	478691	18.70	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.15	67	270915	18.26	ng/ul	0.01
9) 2-Chlorophenol-d4	7.36	132	399597	18.71	ng/ul	0.02
13) 4-Methylphenol-d8	8.54	113	387172	18.45	ng/ul	0.02
19) Nitrobenzene-d5	8.97	128	193232	19.17	ng/ul	0.01
22) 2-Nitrophenol-d4	9.70	143	204343	18.42	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.25	165	367168	17.57	ng/ul	0.03
29) 4-Chloroaniline-d4	10.75	131	133193	6.37	ng/ul	0.02
43) Dimethylphthalate-d6	13.86	166	925754	20.03	ng/ul	0.02
46) Acenaphthylene-d8	14.16	160	1147553	19.86	ng/ul	0.02
51) 4-Nitrophenol-d4	14.70	143	103978	11.89	ng/ul	0.04
57) Fluorene-d10	15.46	176	654595	16.28	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.59	200	13997	2.88	ng/ul	0.04
70) Anthracene-d10	17.31	188	790993	19.66	ng/ul	0.03
76) Pyrene-d10	19.60	212	697102	25.15	ng/ul	0.03
87) Benzo(a)pyrene-d12	23.56	264	592345	18.99	ng/ul	0.06
Target Compounds						Qvalue
28) Naphthalene	10.66	128	128672	1.94	ng/ul	99
34) 2-Methylnaphthalene	12.27	142	90355	1.87	ng/ul	97
44) Dimethylphthalate	13.91	163	118211	2.59	ng/ul#	95
47) Acenaphthylene	14.19	152	514353	8.76	ng/ul	95
49) Acenaphthene	14.53	153	75134	1.94	ng/ul	94
58) Fluorene	15.51	166	196974	4.45	ng/ul#	93
69) Phenanthrene	17.26	178	2469781	52.31	ng/ul	98
71) Anthracene	17.34	178	794692	16.52	ng/ul	98
74) Fluoranthene	19.27	202	3189765	60.02	ng/ul	99
77) Pyrene	19.64	202	3818593	108.55	ng/ul	97
80) Benzo(a)anthracene	21.38	228	1247456	34.68	ng/ul#	90
82) Chrysene	21.43	228	1239924m	36.23	ng/ul	
85) Benzo(b)fluoranthene	23.01	252	1414930	35.91	ng/ul#	87
86) Benzo(k)fluoranthene	23.04	252	425442m	11.41	ng/ul	
88) Benzo(a)pyrene	23.61	252	1361202	35.61	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	26.06	276	1024192	22.56	ng/ul	98
90) Dibenzo(a,h)anthracene	26.06	278	214317	5.67	ng/ul#	60
91) Benzo(g,h,i)perylene	26.79	276	1076470	28.20	ng/ul	93

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

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