Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004551.D
Acq On : 04 Mar 2016 02:49
Operator : SJ/UM
Sample : H1616-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P010-SS001-01

Manual Integrations APPROVED
UMANGI
3/4/2016 4:21:21 PM

Quant Time: Mar 04 10:49:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 04 04:25:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	43128	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	189226	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	98594	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	168568	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	140537	20.00	ng/ul	0.02
86) Perylene-d12	23.46	264	143239	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	2035	2.54	ng/uL	0.00
5) Phenol-d5	6.85	99	62241	17.91	ng/ul	0.06
7) Bis-(2-Chloroethyl)ether-d	6.93	67	31578	18.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	60299	19.46	ng/ul	0.02
13) 4-Methylphenol-d8	8.36	113	56625	18.49	ng/ul	0.04
19) Nitrobenzene-d5	8.76	128	30500	21.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	36006	22.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	61622	21.04	ng/ul	0.05
29) 4-Chloroaniline-d4	10.53	131	30425	8.45	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	186419	22.73	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	227414	22.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	14722m	12.17	ng/ul	0.15
58) Fluorene-d10	15.26	176	145997	20.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	20369	18.61	ng/ul	0.00
71) Anthracene-d10	17.12	188	185088	22.44	ng/ul	0.00
79) Pyrene-d10	19.43	212	171121	22.64	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.32	264	168233	22.08	ng/ul	0.03
Target Compounds						Qvalue
28) Naphthalene	10.43	128	23886	2.29	ng/ul	99
34) 2-Methylnaphthalene	12.05	142	9985	1.28	ng/ul	96
45) Dimethylphthalate	13.72	163	73354	8.51	ng/ul	99
48) Acenaphthylene	13.98	152	37451	3.52	ng/ul	94
70) Phenanthrene	17.06	178	28275	2.80	ng/ul#	88
72) Anthracene	17.15	178	29000	2.83	ng/ul#	88
77) Fluoranthene	19.09	202	48460	4.45	ng/ul	99
80) Pyrene	19.46	202	98274	9.64	ng/ul	97
83) Benzo(a)anthracene	21.22	228	32703	3.61	ng/ul#	69
84) Bis(2-ethylhexyl)phthalate	21.14	149	47691	8.39	ng/ul#	91
85) Chrysene	21.27	228	42714	4.91	ng/ul#	78
88) Benzo(b)fluoranthene	22.80	252	77558m	8.13	ng/ul	
89) Benzo(k)fluoranthene	22.82	252	22863m	2.42	ng/ul	
91) Benzo(a)pyrene	23.37	252	64834	7.19	ng/ul#	59
92) Indeno(1,2,3-cd)pyrene	25.70	276	65960	7.34	ng/ul	97
93) Dibenzo(a,h)anthracene	25.69	278	14962	2.01	ng/ul#	1
94) Benzo(g,h,i)perylene	26.39	276	93933	12.42	ng/ul	96

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

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