Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030218\
Data File : BM014456.D
Acq On : 02 Mar 2018 11:43
Operator : SJ/JU
Sample : J1646-16RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y0RE

Manual Integrations APPROVED
Sohil
3/5/2018 3:20:55 PM

Quant Time: Mar 08 17:16:01 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 02 14:54:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	113027	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	516197	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	311806	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	713930	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	618131	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	477061	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	10137	3.84	ng/uL	0.00
5) Phenol-d5	6.72	99	227065	23.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	166566	28.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	217428	29.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	182448	21.83	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	116181	30.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	130955	33.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	224090	27.40	ng/ul	0.01
29) 4-Chloroaniline-d4	10.45	131	282376	35.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	799196	31.04	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	998436	31.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	22214m	6.25	ng/ul	0.06
57) Fluorene-d10	15.18	176	669711	29.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	43322	10.12	ng/ul	0.02
70) Anthracene-d10	17.04	188	1062807	30.86	ng/ul	0.00
76) Pyrene-d10	19.35	212	1164083	36.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	717440	30.90	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.75	94	36510	3.642	ng/ul	94
14) Acetophenone	8.34	105	70066	4.859	ng/ul	93
44) Dimethylphthalate	13.64	163	175024	6.893	ng/ul	99
49) Acenaphthene	14.24	153	34062	1.612	ng/ul	90
58) Fluorene	15.24	166	38277	1.399	ng/ul#	89
64) N-Nitrosodiphenylamine	15.46	169	39862	1.943	ng/ul#	93
69) Phenanthrene	16.98	178	806997	19.619	ng/ul	98
71) Anthracene	17.07	178	182374	4.409	ng/ul	97
72) Carbazole	17.36	167	71372	2.052	ng/ul	99
74) Fluoranthene	19.02	202	1389434	28.273	ng/ul#	95
77) Pyrene	19.38	202	1220969	29.722	ng/ul#	94
80) Benzo(a)anthracene	21.14	228	580014	15.035	ng/ul	98
82) Chrysene	21.19	228	516031	14.339	ng/ul	96
85) Benzo(b)fluoranthene	22.69	252	576354	18.043	ng/ul#	96
86) Benzo(k)fluoranthene	22.73	252	167199m	5.505	ng/ul	
88) Benzo(a)pyrene	23.24	252	388588	13.613	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.53	276	230904	8.336	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.53	278	66485	2.889	ng/ul#	63
91) Benzo(g,h,i)perylene	26.20	276	197453	8.800	ng/ul#	95

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

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