Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005593.D
Acq On : 22 May 2016 19:02
Operator : UM/SJ
Sample : H3087-11MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 23 06:50:28 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

Instrument :
BNA_M
ClientSampleId :
JHGK4MSD

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	48382	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	236084	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	149388	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	367677	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	497443	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	603150	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	5549	5.02	ng/uL	0.00
5) Phenol-d5	6.98	99	107092	27.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	61545	26.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	85598	25.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	57150	17.59	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	45737	25.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	52136	26.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	92504	24.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	82238	21.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	331587	27.19	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	401882	26.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	51862	22.48	ng/ul	0.00
57) Fluorene-d10	15.43	176	296651	27.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	38959	18.42	ng/ul	0.00
70) Anthracene-d10	17.29	188	476731	27.22	ng/ul	0.00
76) Pyrene-d10	19.58	212	562673	24.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	752717	26.73	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.00	94	131025	32.07	ng/ul	99
10) 2-Chlorophenol	7.38	128	83858	25.26	ng/ul	97
14) Acetophenone	8.63	105	24247	4.96	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.61	70	78998	30.57	ng/ul	99
33) 4-Chloro-3-methylphenol	11.89	107	101799	25.19	ng/ul	96
34) 2-Methylnaphthalene	12.26	142	12218	1.41	ng/ul	99
40) 1,1'-Biphenyl	13.27	154	12711	1.01	ng/ul	98
44) Dimethylphthalate	13.90	163	68534	5.69	ng/ul	99
47) Acenaphthylene	14.17	152	60614	3.91	ng/ul	98
49) Acenaphthene	14.51	153	425990	41.71	ng/ul	99
52) 4-Nitrophenol	14.66	109	56679	24.45	ng/ul	98
53) Dibenzofuran	14.85	168	193664	13.28	ng/ul	98
54) 2,4-Dinitrotoluene	14.81	165	108154	30.42	ng/ul	94
58) Fluorene	15.49	166	273256	23.41	ng/ul	99
68) Pentachlorophenol	16.84	266	62662	22.37	ng/ul	98
69) Phenanthrene	17.24	178	4690517	228.26	ng/ul	99
71) Anthracene	17.32	178	449577	21.47	ng/ul	100
72) Carbazole	17.59	167	315383	17.35	ng/ul	100
74) Fluoranthene	19.26	202	7634157	330.06	ng/ul	97
77) Pyrene	19.62	202	5816469	203.40	ng/ul	94
80) Benzo(a)anthracene	21.35	228	1301718	44.52	ng/ul	96
82) Chrysene	21.40	228	2136353	76.80	ng/ul	97
85) Benzo(b)fluoranthene	22.96	252	1484410	41.73	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) Benzo(k)fluoranthene	23.00	252	589147m	17.49	ng/ul	
88) Benzo(a)pyrene	23.54	252	619477	17.95	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.94	276	377721	9.22	ng/ul	97
90) Dibenzo(a,h)anthracene	25.94	278	95116	2.79	ng/ul#	83
91) Benzo(g,h,i)perylene	26.64	276	279631	8.11	ng/ul	100

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

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