Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011216\
Data File : BM003957.D
Acq On : 12 Jan 2016 16:26
Operator : SJ/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02049

Quant Time: Jan 12 17:19:25 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 12 00:35:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	39270	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	185647	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	111382	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	249135	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	259102	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	215975	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	6977	7.95	ng/uL	0.00
5) Phenol-d5	6.85	99	70969	21.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	41723	22.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	57379	21.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	59116	22.38	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	27630	19.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	29300	19.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	55940	20.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	62241	17.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	184105	21.05	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	227831	21.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	30937	19.70	ng/ul	0.00
58) Fluorene-d10	15.32	176	160351	21.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	26156	18.62	ng/ul	0.00
71) Anthracene-d10	17.17	188	248590	21.57	ng/ul	0.00
79) Pyrene-d10	19.47	212	269203	20.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	230243	21.35	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	7941	7.80	ng/uL	96
4) Benzaldehyde	6.81	77	45217	23.65	ng/ul	98
6) Phenol	6.87	94	78425	22.80	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.10	93	59151	22.85	ng/ul	98
10) 2-Chlorophenol	7.23	128	61901	22.10	ng/ul	98
11) 2-Methylphenol	8.12	108	59115	22.48	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.20	45	68624	24.13	ng/ul	96
14) Acetophenone	8.49	105	99028	24.07	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.47	70	47781	23.14	ng/ul	95
16) 4-Methylphenol	8.45	108	67243	23.59	ng/ul	97
17) Hexachloroethane	8.74	117	22896	21.18	ng/ul	97
20) Nitrobenzene	8.87	77	70676	21.44	ng/ul	97
21) Isophorone	9.39	82	131632	21.50	ng/ul	98
23) 2-Nitrophenol	9.57	139	34619	20.36	ng/ul	94
24) 2,4-Dimethylphenol	9.64	107	74360	21.81	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.87	93	82383	21.78	ng/ul	99
27) 2,4-Dichlorophenol	10.11	162	60114	21.40	ng/ul	98
28) Naphthalene	10.50	128	211309	21.85	ng/ul	99
30) 4-Chloroaniline	10.62	127	68363	18.78	ng/ul	99
31) Hexachlorobutadiene	10.79	225	35516	20.54	ng/ul	98
32) Caprolactam	11.37	113	17448	19.42	ng/ul	96
33) 4-Chloro-3-methylphenol	11.76	107	69076	21.98	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	155244	22.70	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.35	142	147769	22.76	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.50	216	74224	20.83	ng/ul	98
38) Hexachlorocyclopentadiene	12.47	237	30783	16.49	ng/ul	100
39) 2,4,6-Trichlorophenol	12.75	196	44877	19.55	ng/ul	99
40) 2,4,5-Trichlorophenol	12.82	196	50629	20.34	ng/ul	98
41) 1,1'-Biphenyl	13.15	154	200730	21.39	ng/ul	99
42) 2-Chloronaphthalene	13.19	162	150671	21.42	ng/ul	98
43) 2-Nitroaniline	13.40	65	39324	20.09	ng/ul	96
45) Dimethylphthalate	13.78	163	194616	21.83	ng/ul	99
46) 2,6-Dinitrotoluene	13.91	165	37240	21.20	ng/ul	96
48) Acenaphthylene	14.05	152	254431	21.80	ng/ul	100
49) 3-Nitroaniline	14.24	138	36784	19.32	ng/ul	95
50) Acenaphthene	14.39	153	169204	21.93	ng/ul	100
51) 2,4-Dinitrophenol	14.45	184	13074	15.33	ng/ul	94
53) 4-Nitrophenol	14.56	109	25043	20.18	ng/ul	94
54) Dibenzofuran	14.72	168	238695	22.09	ng/ul	98
55) 2,4-Dinitrotoluene	14.70	165	57719	22.62	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.96	232	41195	20.67	ng/ul	100
57) Diethylphthalate	15.15	149	195693	21.66	ng/ul	100
59) Fluorene	15.37	166	195954	22.86	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.37	204	92852	22.46	ng/ul	96
61) 4-Nitroaniline	15.40	138	45363	22.75	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.47	198	28928	19.29	ng/ul	99
65) N-Nitrosodiphenylamine	15.59	169	167620	21.42	ng/ul	98
66) 4-Bromophenyl-phenylether	16.26	248	52956	20.49	ng/ul	98
67) Hexachlorobenzene	16.39	284	59922	21.22	ng/ul	96
68) Atrazine	16.54	200	56013	20.65	ng/ul	99
69) Pentachlorophenol	16.73	266	24239	17.64	ng/ul	100
70) Phenanthrene	17.12	178	312901	22.33	ng/ul	100
72) Anthracene	17.20	178	317879	22.12	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.12	216	69651	17.43	ng/uL	99
74) Pentachlorobenzene	14.65	250	70091	19.76	ng/uL	99
75) Carbazole	17.48	167	285429	22.59	ng/ul	99
76) Di-n-butylphthalate	18.04	149	320041	20.74	ng/ul	99
77) Fluoranthene	19.14	202	348493	23.94	ng/ul	97
80) Pyrene	19.50	202	369907	21.03	ng/ul	96
81) Butylbenzylphthalate	20.41	149	132128	18.61	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.20	252	97081	21.62	ng/ul	97
83) Benzo(a)anthracene	21.26	228	336796	21.83	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	185872	19.78	ng/ul	100
85) Chrysene	21.32	228	319570	21.80	ng/ul	100
87) Di-n-octyl phthalate	22.07	149	306032	21.25	ng/ul	98
88) Benzo(b)fluoranthene	22.84	252	301922	22.99	ng/ul	99
89) Benzo(k)fluoranthene	22.89	252	280073	22.42	ng/ul	98
91) Benzo(a)pyrene	23.42	252	277201	22.26	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.77	276	276639	20.08	ng/ul	99
93) Dibenzo(a,h)anthracene	25.77	278	232792	20.12	ng/ul	98
94) Benzo(g,h,i)perylene	26.46	276	229466	19.84	ng/ul	99

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

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