Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012316\
Data File : BM004123.D
Acq On : 22 Jan 2016 23:01
Operator : SJ/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02045

Quant Time: Jan 23 03:23:36 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 23 02:35:35 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	17865	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	91623	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	61713	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	154389	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	205908	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	232803	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	3056m	9.04	ng/uL	0.00
5) Phenol-d5	6.84	99	33699	19.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	17709	19.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	27272	20.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	29944	20.03	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	14114	20.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	14866	19.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	29209	20.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	37813	21.21	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	105841	19.94	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	125699	20.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	19716	18.55	ng/ul	0.00
58) Fluorene-d10	15.32	176	92098	20.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	15547	16.34	ng/ul	0.00
71) Anthracene-d10	17.17	188	153316	20.41	ng/ul	0.00
79) Pyrene-d10	19.47	212	187990	20.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	247961	20.42	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	3193	7.65	ng/uL	98
4) Benzaldehyde	6.80	77	21810	21.57	ng/ul	98
6) Phenol	6.86	94	36193	19.10	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.09	93	26053	19.42	ng/ul	99
10) 2-Chlorophenol	7.23	128	29113	20.40	ng/ul	99
11) 2-Methylphenol	8.11	108	28907	19.81	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.19	45	27809	19.01	ng/ul	99
14) Acetophenone	8.48	105	48600	20.39	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.46	70	23361	19.94	ng/ul	99
16) 4-Methylphenol	8.43	108	32531	19.70	ng/ul	99
17) Hexachloroethane	8.73	117	10585	20.38	ng/ul	98
20) Nitrobenzene	8.86	77	34106	20.32	ng/ul	99
21) Isophorone	9.37	82	68120	20.08	ng/ul	99
23) 2-Nitrophenol	9.57	139	17473	20.14	ng/ul	98
24) 2,4-Dimethylphenol	9.63	107	37458	20.34	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.86	93	39312	19.74	ng/ul	100
27) 2,4-Dichlorophenol	10.10	162	30778	20.63	ng/ul	97
28) Naphthalene	10.50	128	104409	20.24	ng/ul	100
30) 4-Chloroaniline	10.62	127	40399	21.09	ng/ul	99
31) Hexachlorobutadiene	10.78	225	17937	20.69	ng/ul	99
32) Caprolactam	11.36	113	11696	19.99	ng/ul	99
33) 4-Chloro-3-methylphenol	11.75	107	38311	20.70	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	78895	20.28	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.34	142	75297	20.28	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.49	216	38697	20.37	ng/ul	99
38) Hexachlorocyclopentadiene	12.47	237	11738	15.17	ng/ul	98
39) 2,4,6-Trichlorophenol	12.74	196	25138	19.79	ng/ul	98
40) 2,4,5-Trichlorophenol	12.82	196	28014	19.83	ng/ul	97
41) 1,1'-Biphenyl	13.14	154	104292	19.76	ng/ul	99
42) 2-Chloronaphthalene	13.19	162	80009	20.06	ng/ul	98
43) 2-Nitroaniline	13.40	65	23038	20.06	ng/ul	95
45) Dimethylphthalate	13.77	163	110800	19.81	ng/ul	100
46) 2,6-Dinitrotoluene	13.90	165	22076	20.49	ng/ul	98
48) Acenaphthylene	14.04	152	137142	20.12	ng/ul	100
49) 3-Nitroaniline	14.23	138	23807	20.29	ng/ul	99
50) Acenaphthene	14.38	153	92261	19.94	ng/ul	99
51) 2,4-Dinitrophenol	14.45	184	7763	12.82	ng/ul	98
53) 4-Nitrophenol	14.55	109	16293	19.01	ng/ul	96
54) Dibenzofuran	14.72	168	131678	20.03	ng/ul	99
55) 2,4-Dinitrotoluene	14.70	165	34218	20.10	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.95	232	25179	20.12	ng/ul	99
57) Diethylphthalate	15.14	149	117060	20.12	ng/ul	100
59) Fluorene	15.37	166	111461	20.39	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.36	204	51747	20.06	ng/ul	97
61) 4-Nitroaniline	15.40	138	29598	20.69	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.46	198	16887	16.19	ng/ul	97
65) N-Nitrosodiphenylamine	15.58	169	97551	20.28	ng/ul	99
66) 4-Bromophenyl-phenylether	16.26	248	31770	20.26	ng/ul	98
67) Hexachlorobenzene	16.38	284	37065	20.31	ng/ul	96
68) Atrazine	16.53	200	35965	20.10	ng/ul	99
69) Pentachlorophenol	16.73	266	16887	17.78	ng/ul	99
70) Phenanthrene	17.11	178	190185	20.18	ng/ul	100
72) Anthracene	17.20	178	195902	20.50	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.11	216	36812	19.87	ng/uL	99
74) Pentachlorobenzene	14.64	250	39462	20.21	ng/uL	98
75) Carbazole	17.47	167	185350	21.32	ng/ul	99
76) Di-n-butylphthalate	18.04	149	220867	21.22	ng/ul	100
77) Fluoranthene	19.14	202	238358	21.73	ng/ul	100
80) Pyrene	19.50	202	254520	20.10	ng/ul	99
81) Butylbenzylphthalate	20.41	149	117403	21.82	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.20	252	91835	21.70	ng/ul	98
83) Benzo(a)anthracene	21.26	228	270385	20.63	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	178463	22.00	ng/ul	99
85) Chrysene	21.32	228	257588	20.67	ng/ul	99
87) Di-n-octyl phthalate	22.06	149	328749	21.01	ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	306788	20.64	ng/ul	100
89) Benzo(k)fluoranthene	22.88	252	276573	19.98	ng/ul	99
91) Benzo(a)pyrene	23.41	252	294906	20.54	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.76	276	351599	20.52	ng/ul	99
93) Dibenzo(a,h)anthracene	25.77	278	293808	20.56	ng/ul	100
94) Benzo(g,h,i)perylene	26.45	276	297241	20.34	ng/ul	99

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

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