Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011416\
Data File : BM003989.D
Acq On : 13 Jan 2016 16:31
Operator : SJ/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02054

Quant Time: Jan 14 10:32:57 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 06:45:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	41114	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	197468	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	117901	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	259886	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	222888	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	193459	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	6786	7.38	ng/uL	0.00
5) Phenol-d5	6.84	99	76422	22.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	42476	22.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	62092	22.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	63764	23.05	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	31471	21.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	33670	20.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	62661	21.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	69306	18.12	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	194089	20.97	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	245197	21.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	33920	20.40	ng/ul	0.00
58) Fluorene-d10	15.32	176	171039	21.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	27190	18.55	ng/ul	0.00
71) Anthracene-d10	17.17	188	261664	21.77	ng/ul	0.00
79) Pyrene-d10	19.47	212	261903	22.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	208265	21.56	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	7847	7.36	ng/uL	98
4) Benzaldehyde	6.81	77	50344	25.15	ng/ul	98
6) Phenol	6.87	94	81991	22.77	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.09	93	60469	22.31	ng/ul	98
10) 2-Chlorophenol	7.23	128	65409	22.30	ng/ul	97
11) 2-Methylphenol	8.12	108	63340	23.01	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	68952	23.16	ng/ul	96
14) Acetophenone	8.49	105	104461	24.25	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.47	70	51754	23.94	ng/ul	98
16) 4-Methylphenol	8.45	108	70521	23.63	ng/ul	97
17) Hexachloroethane	8.73	117	24756	21.87	ng/ul	96
20) Nitrobenzene	8.86	77	76378	21.78	ng/ul	96
21) Isophorone	9.38	82	144691	22.22	ng/ul	98
23) 2-Nitrophenol	9.57	139	39119	21.63	ng/ul	97
24) 2,4-Dimethylphenol	9.64	107	79830	22.01	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.87	93	86130	21.40	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	65962	22.08	ng/ul	98
28) Naphthalene	10.50	128	225227	21.89	ng/ul	99
30) 4-Chloroaniline	10.62	127	74198	19.16	ng/ul	99
31) Hexachlorobutadiene	10.79	225	38819	21.11	ng/ul	98
32) Caprolactam	11.37	113	21300	22.29	ng/ul	94
33) 4-Chloro-3-methylphenol	11.76	107	75974	22.73	ng/ul	98
34) 2-Methylnaphthalene	12.12	142	164029	22.55	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.35	142	156095	22.60	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.50	216	79317	21.03	ng/ul	99
38) Hexachlorocyclopentadiene	12.47	237	23811	12.05	ng/ul	99
39) 2,4,6-Trichlorophenol	12.75	196	51072	21.02	ng/ul	99
40) 2,4,5-Trichlorophenol	12.82	196	56939	21.61	ng/ul	100
41) 1,1'-Biphenyl	13.15	154	211827	21.33	ng/ul	99
42) 2-Chloronaphthalene	13.19	162	161882	21.74	ng/ul	100
43) 2-Nitroaniline	13.40	65	46006	22.20	ng/ul	96
45) Dimethylphthalate	13.78	163	204535	21.68	ng/ul	99
46) 2,6-Dinitrotoluene	13.90	165	42247	22.72	ng/ul	97
48) Acenaphthylene	14.04	152	269566	21.82	ng/ul	99
49) 3-Nitroaniline	14.23	138	42349	21.01	ng/ul	97
50) Acenaphthene	14.39	153	179045	21.92	ng/ul	100
51) 2,4-Dinitrophenol	14.45	184	15101	16.73	ng/ul	98
53) 4-Nitrophenol	14.56	109	26637	20.28	ng/ul	91
54) Dibenzofuran	14.72	168	251763	22.01	ng/ul	98
55) 2,4-Dinitrotoluene	14.70	165	62885	23.28	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.96	232	45950	21.78	ng/ul	99
57) Diethylphthalate	15.15	149	208596	21.81	ng/ul	100
59) Fluorene	15.37	166	205204	22.62	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.37	204	97296	22.24	ng/ul	96
61) 4-Nitroaniline	15.40	138	50445	23.90	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.47	198	29575	18.90	ng/ul	99
65) N-Nitrosodiphenylamine	15.59	169	175599	21.51	ng/ul	99
66) 4-Bromophenyl-phenylether	16.26	248	56324	20.89	ng/ul	98
67) Hexachlorobenzene	16.38	284	63659	21.61	ng/ul	99
68) Atrazine	16.54	200	60542	21.40	ng/ul	99
69) Pentachlorophenol	16.73	266	27796	19.39	ng/ul	100
70) Phenanthrene	17.12	178	324250	22.19	ng/ul	99
72) Anthracene	17.20	178	328077	21.89	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.12	216	74974	17.98	ng/uL	99
74) Pentachlorobenzene	14.65	250	74465	20.12	ng/uL	99
75) Carbazole	17.48	167	293217	22.24	ng/ul	100
76) Di-n-butylphthalate	18.04	149	355852	22.10	ng/ul	100
77) Fluoranthene	19.14	202	349602	23.02	ng/ul	98
80) Pyrene	19.50	202	358045	23.66	ng/ul	97
81) Butylbenzylphthalate	20.41	149	152282	24.93	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.20	252	93107	24.11	ng/ul	99
83) Benzo(a)anthracene	21.26	228	294130	22.16	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	218604	27.04	ng/ul	100
85) Chrysene	21.32	228	277424	22.00	ng/ul	100
87) Di-n-octyl phthalate	22.07	149	352460	27.33	ng/ul	99
88) Benzo(b)fluoranthene	22.84	252	260154	22.12	ng/ul	99
89) Benzo(k)fluoranthene	22.89	252	246602	22.04	ng/ul	99
91) Benzo(a)pyrene	23.42	252	244093	21.88	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.77	276	278297	22.55	ng/ul	98
93) Dibenzo(a,h)anthracene	25.78	278	233950	22.57	ng/ul	98
94) Benzo(g,h,i)perylene	26.46	276	234630	22.65	ng/ul	99

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

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