Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012116\
Data File : BM004100.D
Acq On : 21 Jan 2016 12:06
Operator : SJ/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02043

Quant Time: Jan 21 12:42:51 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 20 23:06:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	25220	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	124328	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	79537	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	193999	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	246179	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	268861	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	4112	8.62	ng/uL	0.00
5) Phenol-d5	6.84	99	45979	18.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	25114	19.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	37609	19.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	39458	18.69	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	18564	20.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	20327	19.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	38829	20.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	49900	20.63	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	136222	19.91	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	161930	20.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	25430	18.57	ng/ul	0.00
58) Fluorene-d10	15.32	176	117236	19.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	20645	17.27	ng/ul	0.00
71) Anthracene-d10	17.17	188	191107	20.25	ng/ul	0.00
79) Pyrene-d10	19.47	212	225656	20.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	282152	20.12	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	4750	8.06	ng/uL	100
4) Benzaldehyde	6.80	77	29579	20.72	ng/ul	99
6) Phenol	6.86	94	50407	18.85	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.09	93	36586	19.31	ng/ul	96
10) 2-Chlorophenol	7.23	128	39627	19.67	ng/ul	98
11) 2-Methylphenol	8.11	108	38839	18.86	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.20	45	40298	19.51	ng/ul	99
14) Acetophenone	8.48	105	65237	19.39	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.46	70	31487	19.04	ng/ul	98
16) 4-Methylphenol	8.44	108	44179	18.95	ng/ul	99
17) Hexachloroethane	8.73	117	14384	19.61	ng/ul	99
20) Nitrobenzene	8.86	77	46106	20.24	ng/ul	97
21) Isophorone	9.38	82	90413	19.64	ng/ul	99
23) 2-Nitrophenol	9.57	139	23793	20.21	ng/ul	97
24) 2,4-Dimethylphenol	9.63	107	49901	19.97	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.87	93	53280	19.71	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	40952	20.23	ng/ul	97
28) Naphthalene	10.50	128	138743	19.82	ng/ul	100
30) 4-Chloroaniline	10.62	127	53778	20.69	ng/ul	99
31) Hexachlorobutadiene	10.78	225	24045	20.44	ng/ul	98
32) Caprolactam	11.36	113	14442	18.19	ng/ul	97
33) 4-Chloro-3-methylphenol	11.75	107	49462	19.69	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	104161	19.74	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.35	142	99521	19.75	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.50	216	50500	20.63	ng/ul	99
38) Hexachlorocyclopentadiene	12.47	237	17076	17.12	ng/ul	100
39) 2,4,6-Trichlorophenol	12.75	196	33301	20.34	ng/ul	98
40) 2,4,5-Trichlorophenol	12.82	196	37244	20.46	ng/ul	97
41) 1,1'-Biphenyl	13.15	154	138525	20.36	ng/ul	99
42) 2-Chloronaphthalene	13.19	162	105288	20.49	ng/ul	99
43) 2-Nitroaniline	13.40	65	29640	20.02	ng/ul	97
45) Dimethylphthalate	13.77	163	143581	19.92	ng/ul	100
46) 2,6-Dinitrotoluene	13.90	165	28146	20.27	ng/ul	96
48) Acenaphthylene	14.04	152	178952	20.37	ng/ul	100
49) 3-Nitroaniline	14.23	138	30442	20.13	ng/ul	97
50) Acenaphthene	14.39	153	120799	20.26	ng/ul	99
51) 2,4-Dinitrophenol	14.45	184	10887	13.95	ng/ul	97
53) 4-Nitrophenol	14.56	109	21248	19.24	ng/ul	99
54) Dibenzofuran	14.72	168	170363	20.10	ng/ul	100
55) 2,4-Dinitrotoluene	14.70	165	44058	20.08	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.96	232	31679	19.64	ng/ul	98
57) Diethylphthalate	15.14	149	148263	19.77	ng/ul	100
59) Fluorene	15.37	166	142188	20.18	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.37	204	66755	20.08	ng/ul	95
61) 4-Nitroaniline	15.40	138	36959	20.05	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.47	198	23028	17.57	ng/ul	99
65) N-Nitrosodiphenylamine	15.59	169	123999	20.52	ng/ul	98
66) 4-Bromophenyl-phenylether	16.26	248	40188	20.39	ng/ul	96
67) Hexachlorobenzene	16.38	284	46541	20.30	ng/ul	100
68) Atrazine	16.54	200	45108	20.06	ng/ul	100
69) Pentachlorophenol	16.73	266	20926	17.53	ng/ul	99
70) Phenanthrene	17.12	178	239926	20.26	ng/ul	99
72) Anthracene	17.20	178	245090	20.41	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.11	216	48369	20.78	ng/uL	99
74) Pentachlorobenzene	14.64	250	50720	20.67	ng/uL	98
75) Carbazole	17.48	167	226294	20.71	ng/ul	100
76) Di-n-butylphthalate	18.04	149	263046	20.11	ng/ul	100
77) Fluoranthene	19.14	202	289015	20.97	ng/ul	98
80) Pyrene	19.50	202	311289	20.57	ng/ul	98
81) Butylbenzylphthalate	20.42	149	128533	19.98	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.20	252	104001	20.55	ng/ul	99
83) Benzo(a)anthracene	21.26	228	318209	20.30	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	196916	20.30	ng/ul	100
85) Chrysene	21.32	228	303647	20.38	ng/ul	99
87) Di-n-octyl phthalate	22.07	149	365288	20.22	ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	349578	20.37	ng/ul	99
89) Benzo(k)fluoranthene	22.89	252	323588	20.24	ng/ul	99
91) Benzo(a)pyrene	23.42	252	336826	20.32	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.77	276	393548	19.89	ng/ul	100
93) Dibenzo(a,h)anthracene	25.78	278	330674	20.04	ng/ul	100
94) Benzo(g,h,i)perylene	26.46	276	333157	19.74	ng/ul	99

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

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