Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040616\
Data File : BM004906.D
Acq On : 06 Apr 2016 16:01
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02066

Quant Time: Apr 07 04:33:12 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM040116.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 07 04:29:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	37244	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	173448	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	113665	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.20	188	282625	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	353976	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	372044	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	6984	7.59	ng/uL	0.00
5) Phenol-d5	6.99	99	58233	17.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	33542	18.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	46042	18.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	48903	17.59	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	23197	18.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	25082	18.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	48875	19.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	67976	22.33	ng/ul	0.00
44) Dimethylphthalate-d6	13.86	166	170077	18.97	ng/ul	0.00
47) Acenaphthylene-d8	14.15	160	203587	18.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	32274	18.20	ng/ul	0.00
58) Fluorene-d10	15.45	176	149903	19.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	28817	17.02	ng/ul	0.00
71) Anthracene-d10	17.30	188	243948	19.29	ng/ul	0.00
79) Pyrene-d10	19.60	212	288020	18.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	315583	19.15	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	8440	7.53	ng/uL	92
4) Benzaldehyde	6.96	77	34702	22.49	ng/ul	98
6) Phenol	7.01	94	63004	18.23	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.25	93	48676	18.58	ng/ul	97
10) 2-Chlorophenol	7.39	128	48847	18.47	ng/ul	95
11) 2-Methylphenol	8.26	108	47458	17.40	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.35	45	60421	18.92	ng/ul	94
14) Acetophenone	8.64	105	79279	18.86	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.62	70	38952	18.31	ng/ul	93
16) 4-Methylphenol	8.58	108	54140	17.82	ng/ul	99
17) Hexachloroethane	8.90	117	19091	18.83	ng/ul	99
20) Nitrobenzene	9.02	77	56877	19.26	ng/ul	96
21) Isophorone	9.53	82	109219	18.58	ng/ul	97
23) 2-Nitrophenol	9.73	139	28064	18.80	ng/ul	96
24) 2,4-Dimethylphenol	9.79	107	60220	19.09	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.02	93	68707	18.76	ng/ul	99
27) 2,4-Dichlorophenol	10.26	162	51103	19.39	ng/ul	98
28) Naphthalene	10.66	128	169126	19.29	ng/ul	99
30) 4-Chloroaniline	10.77	127	72214	22.48	ng/ul	99
31) Hexachlorobutadiene	10.95	225	31593	19.72	ng/ul	97
32) Caprolactam	11.52	113	16722	16.77	ng/ul	87
33) 4-Chloro-3-methylphenol	11.89	107	58172	19.25	ng/ul	99
34) 2-Methylnaphthalene	12.27	142	127994	19.59	ng/ul	97

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35) 1-Methylnaphthalene	12.49	142	124016	19.58	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.65	216	66322	18.85	ng/ul	99
38) Hexachlorocyclopentadiene	12.62	237	35225	16.84	ng/ul	99
39) 2,4,6-Trichlorophenol	12.89	196	42321	18.23	ng/ul	99
40) 2,4,5-Trichlorophenol	12.95	196	47411	18.57	ng/ul	99
41) 1,1'-Biphenyl	13.29	154	173122	18.76	ng/ul	98
42) 2-Chloronaphthalene	13.33	162	130387	18.76	ng/ul	98
43) 2-Nitroaniline	13.54	65	36044	18.00	ng/ul	91
45) Dimethylphthalate	13.91	163	175355	19.20	ng/ul	100
46) 2,6-Dinitrotoluene	14.03	165	33428	18.81	ng/ul	92
48) Acenaphthylene	14.18	152	219100	19.19	ng/ul	99
49) 3-Nitroaniline	14.36	138	36324	20.00	ng/ul	98
50) Acenaphthene	14.52	153	145022	18.96	ng/ul	100
51) 2,4-Dinitrophenol	14.57	184	17122	14.52	ng/ul	93
53) 4-Nitrophenol	14.67	109	27245	18.75	ng/ul	96
54) Dibenzofuran	14.86	168	213679	19.25	ng/ul	96
55) 2,4-Dinitrotoluene	14.82	165	52033	19.46	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	15.08	232	43525	19.19	ng/ul	96
57) Diethylphthalate	15.27	149	177219	19.16	ng/ul	99
59) Fluorene	15.50	166	174967	19.79	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.50	204	84668	19.67	ng/ul	93
61) 4-Nitroaniline	15.53	138	39542	18.56	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.59	198	31732	17.48	ng/ul	98
65) N-Nitrosodiphenylamine	15.72	169	153757	18.76	ng/ul	97
66) 4-Bromophenyl-phenylether	16.39	248	52487	18.62	ng/ul	94
67) Hexachlorobenzene	16.51	284	60586	18.88	ng/ul	93
68) Atrazine	16.66	200	57148	19.01	ng/ul	99
69) Pentachlorophenol	16.85	266	33952	17.02	ng/ul	99
70) Phenanthrene	17.24	178	295735	18.98	ng/ul	99
72) Anthracene	17.33	178	302037	19.33	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.25	216	65554	17.85	ng/uL	99
74) Pentachlorobenzene	14.77	250	68356	18.63	ng/uL	99
75) Carbazole	17.60	167	276255	19.81	ng/ul	99
76) Di-n-butylphthalate	18.16	149	301906	18.23	ng/ul	100
77) Fluoranthene	19.26	202	362387	20.93	ng/ul	99
80) Pyrene	19.63	202	380257	18.77	ng/ul	99
81) Butylbenzylphthalate	20.52	149	146842	17.09	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.31	252	136044	19.72	ng/ul	99
83) Benzo(a)anthracene	21.37	228	387443	19.09	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	219524	17.88	ng/ul	97
85) Chrysene	21.43	228	371389	19.29	ng/ul	100
87) Di-n-octyl phthalate	22.19	149	402083	18.26	ng/ul	97
88) Benzo(b)fluoranthene	22.99	252	416375	19.53	ng/ul	99
89) Benzo(k)fluoranthene	23.04	252	390207	19.08	ng/ul	99
91) Benzo(a)pyrene	23.59	252	398389	19.27	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.01	276	457929	18.57	ng/ul	97
93) Dibenzo(a,h)anthracene	26.02	278	383537	18.71	ng/ul	98
94) Benzo(g,h,i)perylene	26.72	276	382143	18.04	ng/ul	97

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

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