Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004539.D
Acq On : 03 Mar 2016 19:37
Operator : SJ/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02040

Quant Time: Mar 04 04:03:27 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 03 13:26:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	25619	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	121703	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	75164	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	162065	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	139082	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	118903	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	3848	8.08	ng/uL	0.00
5) Phenol-d5	6.79	99	40392	19.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	20877	20.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	36280	19.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	35879	19.72	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	18191	20.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	20633	19.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	37181	19.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	50215	21.67	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	122303	19.56	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	150930	19.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	15758	17.09	ng/ul	0.00
58) Fluorene-d10	15.26	176	105223	19.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	19369	18.41	ng/ul	0.00
71) Anthracene-d10	17.11	188	156566	19.74	ng/ul	0.00
79) Pyrene-d10	19.42	212	155070	20.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	121900	19.27	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	4342	8.17	ng/uL#	90
4) Benzaldehyde	6.75	77	25069	23.16	ng/ul	96
6) Phenol	6.81	94	42955	19.67	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.02	93	33354	20.14	ng/ul	97
10) 2-Chlorophenol	7.16	128	37940	19.74	ng/ul	96
11) 2-Methylphenol	8.05	108	35159	19.77	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.13	45	30600	20.42	ng/ul	97
14) Acetophenone	8.42	105	58722	20.45	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.40	70	27088	20.19	ng/ul	94
16) 4-Methylphenol	8.38	108	39522	20.28	ng/ul	99
17) Hexachloroethane	8.66	117	14286	19.85	ng/ul	88
20) Nitrobenzene	8.80	77	38265	20.06	ng/ul	94
21) Isophorone	9.32	82	77086	19.66	ng/ul	95
23) 2-Nitrophenol	9.50	139	23336	19.78	ng/ul	92
24) 2,4-Dimethylphenol	9.57	107	45193	19.79	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.80	93	49018	20.07	ng/ul	100
27) 2,4-Dichlorophenol	10.05	162	39233	19.87	ng/ul	97
28) Naphthalene	10.43	128	132264	19.76	ng/ul	100
30) 4-Chloroaniline	10.55	127	53895	21.84	ng/ul	99
31) Hexachlorobutadiene	10.70	225	25351	19.76	ng/ul	99
32) Caprolactam	11.32	113	11271	19.09	ng/ul	82
33) 4-Chloro-3-methylphenol	11.70	107	43125	19.79	ng/ul	97
34) 2-Methylnaphthalene	12.05	142	99357	19.81	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.27	142	93794	19.61	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	51692	20.21	ng/ul	98
38) Hexachlorocyclopentadiene	12.40	237	14943	15.11	ng/ul	100
39) 2,4,6-Trichlorophenol	12.69	196	31175	19.49	ng/ul	99
40) 2,4,5-Trichlorophenol	12.77	196	33585	19.55	ng/ul	100
41) 1,1'-Biphenyl	13.08	154	129797	20.00	ng/ul	98
42) 2-Chloronaphthalene	13.12	162	98665	20.02	ng/ul	97
43) 2-Nitroaniline	13.35	65	22019	20.16	ng/ul	95
45) Dimethylphthalate	13.72	163	128067	19.48	ng/ul	99
46) 2,6-Dinitrotoluene	13.85	165	25936	19.68	ng/ul	94
48) Acenaphthylene	13.97	152	162684	20.07	ng/ul	99
49) 3-Nitroaniline	14.19	138	25168	20.30	ng/ul	96
50) Acenaphthene	14.32	153	109728	19.77	ng/ul	96
51) 2,4-Dinitrophenol	14.42	184	10115	15.18	ng/ul#	89
53) 4-Nitrophenol	14.52	109	10754	16.97	ng/ul	86
54) Dibenzofuran	14.66	168	153353	19.76	ng/ul	96
55) 2,4-Dinitrotoluene	14.65	165	37956	19.71	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	14.90	232	28150	18.95	ng/ul	95
57) Diethylphthalate	15.09	149	128769	19.28	ng/ul	100
59) Fluorene	15.31	166	126016	19.78	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.30	204	63433	19.68	ng/ul	92
61) 4-Nitroaniline	15.36	138	25303	19.41	ng/ul	87
64) 4,6-Dinitro-2-methylphenol	15.42	198	20550	18.05	ng/ul	96
65) N-Nitrosodiphenylamine	15.53	169	108352	20.42	ng/ul	99
66) 4-Bromophenyl-phenylether	16.20	248	37151	20.02	ng/ul	95
67) Hexachlorobenzene	16.32	284	40853	19.98	ng/ul	97
68) Atrazine	16.48	200	37404	19.82	ng/ul	97
69) Pentachlorophenol	16.68	266	13445	15.66	ng/ul	99
70) Phenanthrene	17.05	178	193024	19.88	ng/ul	99
72) Anthracene	17.14	178	196743	19.94	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	48065	20.83	ng/uL	99
74) Pentachlorobenzene	14.59	250	48471	20.54	ng/uL	99
75) Carbazole	17.43	167	163713	19.61	ng/ul	99
76) Di-n-butylphthalate	17.98	149	202915	18.92	ng/ul	99
77) Fluoranthene	19.09	202	203474	19.45	ng/ul	99
80) Pyrene	19.45	202	209330	20.74	ng/ul	100
81) Butylbenzylphthalate	20.35	149	76091	19.08	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.14	252	58315	20.24	ng/ul	100
83) Benzo(a)anthracene	21.21	228	173931	19.37	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.13	149	106107	18.86	ng/ul#	98
85) Chrysene	21.26	228	169020	19.64	ng/ul	99
87) Di-n-octyl phthalate	22.00	149	173046	19.37	ng/ul#	96
88) Benzo(b)fluoranthene	22.77	252	159279	20.10	ng/ul	100
89) Benzo(k)fluoranthene	22.82	252	145201	18.49	ng/ul	98
91) Benzo(a)pyrene	23.34	252	145781	19.47	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.66	276	157982	21.19	ng/ul	99
93) Dibenzo(a,h)anthracene	25.66	278	130645	21.19	ng/ul	100
94) Benzo(g,h,i)perylene	26.34	276	131287	20.91	ng/ul	99

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

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