Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004041.D
Acq On : 15 Jan 2016 11:11
Operator : SJ/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02061

Quant Time: Jan 16 00:29:20 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 00:28:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	38642	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	186647	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	110597	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	248151	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	208913	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	183226	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	6094	7.05	ng/uL	0.00
5) Phenol-d5	6.84	99	69667	21.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	38486	21.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	57601	21.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	59496	22.89	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	29120	20.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	31683	20.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	58261	21.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	66451	18.38	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	181314	20.88	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	229855	21.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	30363	19.47	ng/ul	0.00
58) Fluorene-d10	15.32	176	160838	21.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	22880	16.35	ng/ul	0.00
71) Anthracene-d10	17.17	188	247295	21.55	ng/ul	0.00
79) Pyrene-d10	19.47	212	244584	22.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	197794	21.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	6947	6.93	ng/uL	98
4) Benzaldehyde	6.81	77	46382	24.66	ng/ul	98
6) Phenol	6.87	94	75414	22.28	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.09	93	55049	21.61	ng/ul	97
10) 2-Chlorophenol	7.23	128	60858	22.08	ng/ul	97
11) 2-Methylphenol	8.12	108	58661	22.67	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.20	45	62426	22.31	ng/ul	97
14) Acetophenone	8.49	105	96076	23.73	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.47	70	46946	23.10	ng/ul	97
16) 4-Methylphenol	8.44	108	65366	23.30	ng/ul	100
17) Hexachloroethane	8.73	117	22261	20.92	ng/ul	98
20) Nitrobenzene	8.86	77	70691	21.33	ng/ul	96
21) Isophorone	9.38	82	131802	21.42	ng/ul	98
23) 2-Nitrophenol	9.57	139	35664	20.86	ng/ul	96
24) 2,4-Dimethylphenol	9.64	107	73640	21.48	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.87	93	79662	20.94	ng/ul	100
27) 2,4-Dichlorophenol	10.10	162	62001	21.95	ng/ul	99
28) Naphthalene	10.50	128	210225	21.62	ng/ul	100
30) 4-Chloroaniline	10.62	127	71525	19.54	ng/ul	99
31) Hexachlorobutadiene	10.79	225	36511	21.00	ng/ul	99
32) Caprolactam	11.37	113	19405	21.48	ng/ul	97
33) 4-Chloro-3-methylphenol	11.76	107	70998	22.48	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	155036	22.55	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.35	142	146464	22.44	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.50	216	75017	21.21	ng/ul	99
38) Hexachlorocyclopentadiene	12.47	237	14781	7.97	ng/ul	99
39) 2,4,6-Trichlorophenol	12.74	196	47657	20.90	ng/ul	99
40) 2,4,5-Trichlorophenol	12.82	196	52364	21.19	ng/ul	99
41) 1,1'-Biphenyl	13.14	154	200637	21.53	ng/ul	99
42) 2-Chloronaphthalene	13.19	162	152954	21.89	ng/ul	99
43) 2-Nitroaniline	13.40	65	42809	22.02	ng/ul	95
45) Dimethylphthalate	13.78	163	190043	21.47	ng/ul	100
46) 2,6-Dinitrotoluene	13.90	165	39461	22.62	ng/ul	94
48) Acenaphthylene	14.04	152	253190	21.85	ng/ul	100
49) 3-Nitroaniline	14.23	138	40740	21.55	ng/ul	98
50) Acenaphthene	14.39	153	168067	21.93	ng/ul	99
51) 2,4-Dinitrophenol	14.45	184	11640	13.75	ng/ul	95
53) 4-Nitrophenol	14.56	109	24716	20.06	ng/ul	93
54) Dibenzofuran	14.72	168	237684	22.15	ng/ul	99
55) 2,4-Dinitrotoluene	14.70	165	59015	23.29	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.96	232	42756	21.60	ng/ul	99
57) Diethylphthalate	15.15	149	195345	21.77	ng/ul	100
59) Fluorene	15.37	166	192489	22.62	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.37	204	90923	22.15	ng/ul	97
61) 4-Nitroaniline	15.40	138	47107	23.80	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.47	198	25570	17.12	ng/ul	100
65) N-Nitrosodiphenylamine	15.59	169	165690	21.26	ng/ul	99
66) 4-Bromophenyl-phenylether	16.26	248	54051	21.00	ng/ul	98
67) Hexachlorobenzene	16.38	284	60325	21.45	ng/ul	100
68) Atrazine	16.54	200	56650	20.97	ng/ul	99
69) Pentachlorophenol	16.73	266	25122	18.35	ng/ul	98
70) Phenanthrene	17.12	178	306052	21.93	ng/ul	100
72) Anthracene	17.20	178	312215	21.81	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.11	216	70790	17.78	ng/uL	99
74) Pentachlorobenzene	14.64	250	69884	19.78	ng/uL	98
75) Carbazole	17.48	167	276665	21.98	ng/ul	100
76) Di-n-butylphthalate	18.04	149	332813	21.65	ng/ul	100
77) Fluoranthene	19.14	202	325519	22.45	ng/ul	99
80) Pyrene	19.50	202	334833	23.61	ng/ul	99
81) Butylbenzylphthalate	20.41	149	140054	24.46	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.20	252	85712	23.68	ng/ul	99
83) Benzo(a)anthracene	21.26	228	273719	22.00	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	202139	26.68	ng/ul	99
85) Chrysene	21.32	228	256367	21.69	ng/ul	99
87) Di-n-octyl phthalate	22.06	149	330987	27.10	ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	248105	22.27	ng/ul	99
89) Benzo(k)fluoranthene	22.89	252	231868	21.88	ng/ul	100
91) Benzo(a)pyrene	23.41	252	233508	22.10	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.76	276	263376	22.54	ng/ul	99
93) Dibenzo(a,h)anthracene	25.77	278	220560	22.47	ng/ul	98
94) Benzo(g,h,i)perylene	26.45	276	220154	22.44	ng/ul	98

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

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