Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092415\
Data File : BG018871.D
Acq On : 24 Sep 2015 16:40
Operator : TP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02007

Manual Integrations APPROVED
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9/25/2015 2:15:50 PM

Quant Time: Sep 25 03:57:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 24 04:11:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	79924	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	362572	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.62	164	234124	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	595845	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	665557	20.00	ng/ul	0.00
86) Perylene-d12	24.82	264	707175	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	12470	7.50	ng/uL	0.00
5) Phenol-d5	7.16	99	134849	20.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	78118	20.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	108544	21.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	113256	21.27	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	55796	20.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	60300	21.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	122188	21.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	156469	23.12	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	388577	20.62	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	463948	20.78	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	72189	19.96	ng/ul	0.00
58) Fluorene-d10	15.62	176	335307	20.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	55941	19.83	ng/ul	0.00
71) Anthracene-d10	17.47	188	543985	20.74	ng/ul	0.00
79) Pyrene-d10	19.75	212	628389	20.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.60	264	712022	20.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	13903	7.73	ng/uL#	75
4) Benzaldehyde	7.13	77	88146	23.22	ng/ul	91
6) Phenol	7.19	94	139987m	20.62	ng/ul	
8) Bis(2-Chloroethyl)ether	7.42	93	107269	21.16	ng/ul	92
10) 2-Chlorophenol	7.57	128	111223	21.62	ng/ul#	89
11) 2-Methylphenol	8.44	108	110526	21.17	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.53	45	119988	19.94	ng/ul#	89
14) Acetophenone	8.82	105	174750	21.55	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.80	70	84077	20.10	ng/ul#	85
16) 4-Methylphenol	8.77	108	120521	21.00	ng/ul	96
17) Hexachloroethane	9.08	117	43651	21.28	ng/ul#	76
20) Nitrobenzene	9.20	77	119003	18.68	ng/ul#	88
21) Isophorone	9.72	82	255730	19.70	ng/ul	96
23) 2-Nitrophenol	9.91	139	69020	22.17	ng/ul#	82
24) 2,4-Dimethylphenol	9.97	107	128340	19.89	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.20	93	154315	20.17	ng/ul	98
27) 2,4-Dichlorophenol	10.45	162	119489	20.53	ng/ul	95
28) Naphthalene	10.85	128	366852	19.88	ng/ul	98
30) 4-Chloroaniline	10.96	127	163256	23.32	ng/ul	98
31) Hexachlorobutadiene	11.13	225	77056	21.45	ng/ul	97
32) Caprolactam	11.72	113	47543m	19.95	ng/ul	
33) 4-Chloro-3-methylphenol	12.09	107	119649	19.28	ng/ul	95
34) 2-Methylnaphthalene	12.46	142	275700	20.23	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.67	142	261488	20.02	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.82	216	152396	21.00	ng/ul	96
38) Hexachlorocyclopentadiene	12.80	237	75704	18.76	ng/ul	94
39) 2,4,6-Trichlorophenol	13.06	196	105408	22.36	ng/ul	95
40) 2,4,5-Trichlorophenol	13.14	196	110603	21.79	ng/ul	98
41) 1,1'-Biphenyl	13.46	154	361864	20.42	ng/ul	99
42) 2-Chloronaphthalene	13.50	162	281978	20.88	ng/ul	97
43) 2-Nitroaniline	13.71	65	74223	18.54	ng/ul#	69
45) Dimethylphthalate	14.08	163	376918	20.64	ng/ul	98
46) 2,6-Dinitrotoluene	14.20	165	80407	21.89	ng/ul#	86
48) Acenaphthylene	14.35	152	481195	20.26	ng/ul	99
49) 3-Nitroaniline	14.53	138	88567	22.71	ng/ul#	79
50) Acenaphthene	14.69	153	325136	20.32	ng/ul	100
51) 2,4-Dinitrophenol	14.74	184	19881	12.03	ng/ul#	70
53) 4-Nitrophenol	14.84	109	45341	18.29	ng/ul	93
54) Dibenzofuran	15.02	168	449894	20.04	ng/ul	93
55) 2,4-Dinitrotoluene	14.99	165	117527	21.49	ng/ul#	80
56) 2,3,4,6-Tetrachlorophenol	15.25	232	101990	20.81	ng/ul#	88
57) Diethylphthalate	15.44	149	386782	20.38	ng/ul	100
59) Fluorene	15.67	166	374793	19.76	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.66	204	187463	20.74	ng/ul	94
61) 4-Nitroaniline	15.69	138	97834	21.82	ng/ul#	84
64) 4,6-Dinitro-2-methylphenol	15.75	198	56392	19.48	ng/ul#	85
65) N-Nitrosodiphenylamine	15.88	169	322361	20.66	ng/ul	96
66) 4-Bromophenyl-phenylether	16.55	248	122775	21.03	ng/ul	93
67) Hexachlorobenzene	16.68	284	142185	21.97	ng/ul	94
68) Atrazine	16.82	200	149701	21.78	ng/ul	98
69) Pentachlorophenol	17.02	266	56097	14.87	ng/ul	95
70) Phenanthrene	17.41	178	611627	20.19	ng/ul	99
72) Anthracene	17.50	178	613874	20.21	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.43	216	151805	21.41	ng/uL	98
74) Pentachlorobenzene	14.95	250	155678	22.48	ng/uL	96
75) Carbazole	17.77	167	600156	22.24	ng/ul	99
76) Di-n-butylphthalate	18.33	149	717917	21.07	ng/ul	99
77) Fluoranthene	19.42	202	774753	23.08	ng/ul	96
80) Pyrene	19.78	202	776411	19.84	ng/ul	97
81) Butylbenzylphthalate	20.66	149	324924	21.64	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.52	252	312331	26.46	ng/ul	97
83) Benzo(a)anthracene	21.61	228	761507	20.64	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.51	149	486999	21.88	ng/ul#	98
85) Chrysene	21.68	228	703809	20.68	ng/ul	99
87) Di-n-octyl phthalate	22.70	149	832865	22.26	ng/ul	100
88) Benzo(b)fluoranthene	23.80	252	817194	20.44	ng/ul	100
89) Benzo(k)fluoranthene	23.87	252	760427	19.85	ng/ul	98
91) Benzo(a)pyrene	24.67	252	775588	20.41	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.44	276	928310	21.06	ng/ul	98
93) Dibenzo(a,h)anthracene	28.51	278	773428	21.87	ng/ul	97
94) Benzo(g,h,i)perylene	29.59	276	774414	21.05	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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