Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018936.D
Acq On : 27 Sep 2015 5:48
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02013

Manual Integrations APPROVED
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9/28/2015 6:16:38 PM

Quant Time: Sep 28 06:45:33 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 28 04:33:51 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	61701	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	260994	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.62	164	166735	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.36	188	390879	20.00	ng/ul	0.00
78) Chrysene-d12	21.62	240	397920	20.00	ng/ul	0.01
86) Perylene-d12	24.80	264	406373	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	7660	5.97	ng/uL	0.00
5) Phenol-d5	7.17	99	89485	17.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	51254	17.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	73727	19.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	73620	17.91	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	37276	18.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	41075	20.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	82763	19.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	98981	20.32	ng/ul	0.00
44) Dimethylphthalate-d6	14.02	166	234324	17.46	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	310959	19.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	38524	14.96	ng/ul	0.00
58) Fluorene-d10	15.61	176	222131	18.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	30652	16.57	ng/ul	0.01
71) Anthracene-d10	17.46	188	335301	19.48	ng/ul	0.00
79) Pyrene-d10	19.74	212	356894	19.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.58	264	390351	19.74	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	8607	6.20	ng/uL#	70
4) Benzaldehyde	7.14	77	57303	19.55	ng/ul	94
6) Phenol	7.19	94	93689	17.88	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.41	93	70721	18.07	ng/ul	90
10) 2-Chlorophenol	7.56	128	75587	19.03	ng/ul#	87
11) 2-Methylphenol	8.44	108	72244	17.93	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.52	45	76554	16.48	ng/ul#	92
14) Acetophenone	8.81	105	113212	18.08	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.79	70	53005	16.41	ng/ul#	87
16) 4-Methylphenol	8.77	108	79822	18.01	ng/ul	89
17) Hexachloroethane	9.07	117	29500	18.63	ng/ul#	77
20) Nitrobenzene	9.20	77	80448	17.55	ng/ul#	85
21) Isophorone	9.72	82	155613	16.65	ng/ul	97
23) 2-Nitrophenol	9.91	139	44391	19.81	ng/ul#	83
24) 2,4-Dimethylphenol	9.97	107	83922	18.06	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.20	93	98206	17.84	ng/ul	95
27) 2,4-Dichlorophenol	10.45	162	80144	19.13	ng/ul#	90
28) Naphthalene	10.85	128	250327	18.85	ng/ul	98
30) 4-Chloroaniline	10.95	127	104951	20.83	ng/ul	96
31) Hexachlorobutadiene	11.13	225	53378	20.65	ng/ul	92
32) Caprolactam	11.71	113	24869m	14.50	ng/ul	
33) 4-Chloro-3-methylphenol	12.08	107	79466	17.79	ng/ul	87
34) 2-Methylnaphthalene	12.45	142	185967	18.95	ng/ul	94

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.66	142	175216	18.63	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.82	216	106129	20.53	ng/ul#	96
38) Hexachlorocyclopentadiene	12.79	237	22152	7.71	ng/ul	95
39) 2,4,6-Trichlorophenol	13.06	196	69734	20.78	ng/ul	96
40) 2,4,5-Trichlorophenol	13.13	196	72164	19.97	ng/ul	96
41) 1,1'-Biphenyl	13.45	154	244827	19.40	ng/ul	97
42) 2-Chloronaphthalene	13.50	162	193591	20.13	ng/ul	93
43) 2-Nitroaniline	13.70	65	46853	16.43	ng/ul#	61
45) Dimethylphthalate	14.07	163	230406	17.71	ng/ul	99
46) 2,6-Dinitrotoluene	14.19	165	50602	19.34	ng/ul#	80
48) Acenaphthylene	14.34	152	321748	19.02	ng/ul	99
49) 3-Nitroaniline	14.52	138	53237	19.17	ng/ul#	78
50) Acenaphthene	14.68	153	216392	18.99	ng/ul	99
51) 2,4-Dinitrophenol	14.73	184	13474	11.45	ng/ul#	75
53) 4-Nitrophenol	14.84	109	24583	13.92	ng/ul	94
54) Dibenzofuran	15.01	168	299844	18.76	ng/ul	94
55) 2,4-Dinitrotoluene	14.98	165	73423	18.86	ng/ul#	79
56) 2,3,4,6-Tetrachlorophenol	15.24	232	59355	17.00	ng/ul	94
57) Diethylphthalate	15.43	149	233413	17.27	ng/ul	99
59) Fluorene	15.67	166	247535	18.33	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.65	204	123757	19.22	ng/ul	92
61) 4-Nitroaniline	15.68	138	56433	17.67	ng/ul#	84
64) 4,6-Dinitro-2-methylphenol	15.75	198	31540	16.61	ng/ul#	77
65) N-Nitrosodiphenylamine	15.87	169	201226	19.65	ng/ul	97
66) 4-Bromophenyl-phenylether	16.55	248	77910	20.34	ng/ul#	90
67) Hexachlorobenzene	16.67	284	90527	21.32	ng/ul	96
68) Atrazine	16.81	200	85991	19.07	ng/ul	99
69) Pentachlorophenol	17.02	266	37844	15.29	ng/ul	96
70) Phenanthrene	17.40	178	376480	18.95	ng/ul	98
72) Anthracene	17.49	178	376572	18.90	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.42	216	106105	22.81	ng/uL	96
74) Pentachlorobenzene	14.94	250	105694	23.27	ng/uL	95
75) Carbazole	17.76	167	342557	19.35	ng/ul	99
76) Di-n-butylphthalate	18.31	149	408490	18.27	ng/ul	99
77) Fluoranthene	19.41	202	438505	19.91	ng/ul	97
80) Pyrene	19.77	202	442897	18.93	ng/ul	97
81) Butylbenzylphthalate	20.65	149	178730	19.91	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.51	252	165648	23.48	ng/ul#	98
83) Benzo(a)anthracene	21.60	228	427658	19.38	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	266015	19.99	ng/ul#	98
85) Chrysene	21.67	228	396370	19.48	ng/ul	98
87) Di-n-octyl phthalate	22.68	149	458742	21.33	ng/ul	100
88) Benzo(b)fluoranthene	23.79	252	439942	19.14	ng/ul	97
89) Benzo(k)fluoranthene	23.85	252	418886	19.03	ng/ul	99
91) Benzo(a)pyrene	24.65	252	422310	19.34	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.43	276	474109	18.72	ng/ul	97
93) Dibenzo(a,h)anthracene	28.48	278	403277	19.84	ng/ul	96
94) Benzo(g,h,i)perylene	29.55	276	370916	17.55	ng/ul	96

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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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