Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018895.D
Acq On : 26 Sep 2015 1:29
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02010

Manual Integrations APPROVED
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10/7/2015 12:20:57 PM

Quant Time: Sep 26 04:15:05 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 25 04:50:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	46093	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	188095	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	118533	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.36	188	324045	20.00	ng/ul	-0.01
78) Chrysene-d12	21.60	240	403690	20.00	ng/ul	-0.03
86) Perylene-d12	24.78	264	427016	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	7092	7.40	ng/uL	0.00
5) Phenol-d5	7.16	99	65754	17.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.31	67	38148	17.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	55899	19.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.69	113	53292	17.35	ng/ul	-0.01
19) Nitrobenzene-d5	9.15	128	26962	18.92	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.87	143	30615	21.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.41	165	57113	18.93	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.92	131	75448	21.49	ng/ul	-0.01
44) Dimethylphthalate-d6	14.01	166	191368	20.06	ng/ul	-0.01
47) Acenaphthylene-d8	14.31	160	224079	19.82	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.81	143	38133	20.83	ng/ul	-0.02
58) Fluorene-d10	15.60	176	163649	19.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.72	200	25368	16.54	ng/ul	-0.01
71) Anthracene-d10	17.45	188	280583	19.67	ng/ul	-0.01
79) Pyrene-d10	19.73	212	353742	19.05	ng/ul	-0.01
90) Benzo(a)pyrene-d12	24.56	264	404005	19.44	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	7648	7.38	ng/uL#	67
4) Benzaldehyde	7.13	77	45197	20.64	ng/ul	98
6) Phenol	7.18	94	69028	17.63	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.41	93	53206	18.20	ng/ul	94
10) 2-Chlorophenol	7.55	128	54859	18.49	ng/ul#	89
11) 2-Methylphenol	8.43	108	52980	17.60	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.52	45	57586	16.59	ng/ul#	91
14) Acetophenone	8.81	105	87982	18.81	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.79	70	42299	17.53	ng/ul#	79
16) 4-Methylphenol	8.76	108	58209	17.59	ng/ul	89
17) Hexachloroethane	9.07	117	22440	18.97	ng/ul#	80
20) Nitrobenzene	9.19	77	56670	17.15	ng/ul#	82
21) Isophorone	9.71	82	120507	17.90	ng/ul	99
23) 2-Nitrophenol	9.90	139	33717	20.88	ng/ul#	72
24) 2,4-Dimethylphenol	9.96	107	60488	18.07	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.19	93	73745	18.58	ng/ul	95
27) 2,4-Dichlorophenol	10.44	162	57242	18.96	ng/ul	94
28) Naphthalene	10.84	128	180908	18.90	ng/ul	98
30) 4-Chloroaniline	10.94	127	78523	21.62	ng/ul	99
31) Hexachlorobutadiene	11.13	225	38051	20.42	ng/ul	92
32) Caprolactam	11.70	113	25884m	20.93	ng/ul	
33) 4-Chloro-3-methylphenol	12.07	107	57139	17.75	ng/ul	95
34) 2-Methylnaphthalene	12.44	142	129694	18.34	ng/ul	95

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 25 04:50:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.66	142	125891	18.58	ng/ul#	97
37) 1,2,4,5-Tetrachlorobenzene	12.81	216	74247	20.21	ng/ul#	94
38) Hexachlorocyclopentadiene	12.79	237	36673	17.95	ng/ul	95
39) 2,4,6-Trichlorophenol	13.05	196	51612	21.63	ng/ul	92
40) 2,4,5-Trichlorophenol	13.12	196	54529	21.22	ng/ul	96
41) 1,1'-Biphenyl	13.45	154	176766	19.71	ng/ul	95
42) 2-Chloronaphthalene	13.49	162	137171	20.06	ng/ul	97
43) 2-Nitroaniline	13.69	65	35893	17.71	ng/ul#	64
45) Dimethylphthalate	14.06	163	187373	20.26	ng/ul	97
46) 2,6-Dinitrotoluene	14.18	165	39541	21.26	ng/ul#	85
48) Acenaphthylene	14.34	152	233955	19.45	ng/ul	99
49) 3-Nitroaniline	14.51	138	44203	22.39	ng/ul#	81
50) Acenaphthene	14.68	153	155131	19.15	ng/ul	98
51) 2,4-Dinitrophenol	14.72	184	8416m	10.06	ng/ul	
53) 4-Nitrophenol	14.83	109	24708	19.69	ng/ul	86
54) Dibenzofuran	15.01	168	219733	19.33	ng/ul	90
55) 2,4-Dinitrotoluene	14.97	165	58418	21.10	ng/ul#	83
56) 2,3,4,6-Tetrachlorophenol	15.23	232	53536	21.57	ng/ul#	90
57) Diethylphthalate	15.42	149	198299	20.63	ng/ul	97
59) Fluorene	15.66	166	187924	19.57	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.65	204	93558	20.44	ng/ul#	87
61) 4-Nitroaniline	15.67	138	51163	22.54	ng/ul	87
64) 4,6-Dinitro-2-methylphenol	15.73	198	25643	16.29	ng/ul#	87
65) N-Nitrosodiphenylamine	15.86	169	157167	18.52	ng/ul	94
66) 4-Bromophenyl-phenylether	16.54	248	60634	19.10	ng/ul#	92
67) Hexachlorobenzene	16.66	284	73152	20.78	ng/ul#	90
68) Atrazine	16.80	200	85208	22.79	ng/ul	96
69) Pentachlorophenol	17.01	266	31449m	15.33	ng/ul	
70) Phenanthrene	17.40	178	316154	19.19	ng/ul	98
72) Anthracene	17.48	178	318144	19.26	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.41	216	74784	19.40	ng/uL	96
74) Pentachlorobenzene	14.93	250	75635	20.09	ng/uL	90
75) Carbazole	17.75	167	313877	21.39	ng/ul	98
76) Di-n-butylphthalate	18.31	149	402282	21.70	ng/ul	99
77) Fluoranthene	19.40	202	423375	23.19	ng/ul	98
80) Pyrene	19.76	202	449333	18.93	ng/ul	96
81) Butylbenzylphthalate	20.65	149	180451	19.81	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.50	252	177330	24.77	ng/ul#	98
83) Benzo(a)anthracene	21.59	228	444290	19.85	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	272288	20.17	ng/ul#	98
85) Chrysene	21.65	228	410155	19.87	ng/ul	98
87) Di-n-octyl phthalate	22.68	149	464624	20.56	ng/ul	100
88) Benzo(b)fluoranthene	23.77	252	469836	19.46	ng/ul	98
89) Benzo(k)fluoranthene	23.84	252	450387	19.47	ng/ul	98
91) Benzo(a)pyrene	24.63	252	447423	19.50	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.38	276	530346	19.93	ng/ul	99
93) Dibenzo(a,h)anthracene	28.44	278	438136	20.51	ng/ul	94
94) Benzo(g,h,i)perylene	29.51	276	432595	19.47	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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