Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018700.D
Acq On : 16 Sep 2015 2:01
Operator : UM/IZ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02094

Quant Time: Sep 16 04:56:07 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 16 01:32:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	86377	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	379873	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.63	164	265280	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	673209	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	721473	20.00	ng/ul	0.00
86) Perylene-d12	24.82	264	742737	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	12714	7.08	ng/uL	0.00
5) Phenol-d5	7.16	99	149674	21.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	82589	20.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	115257	21.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	124943	21.71	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	58477	20.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	62958	21.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	135340	22.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	169266	23.87	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	411459	19.27	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	521605	20.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	75586	18.45	ng/ul	0.00
58) Fluorene-d10	15.62	176	384680	20.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	53825	16.89	ng/ul	0.00
71) Anthracene-d10	17.47	188	613257	20.69	ng/ul	0.00
79) Pyrene-d10	19.75	212	669319	20.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.60	264	742069	20.53	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	16462	8.47	ng/uL#	84
4) Benzaldehyde	7.14	77	95415	23.26	ng/ul	98
6) Phenol	7.19	94	159530	21.74	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.42	93	110170	20.11	ng/ul	96
10) 2-Chlorophenol	7.57	128	113781	20.46	ng/ul	93
11) 2-Methylphenol	8.44	108	120478	21.35	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.53	45	130546	20.07	ng/ul#	94
14) Acetophenone	8.82	105	183730	20.96	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.80	70	87601	19.37	ng/ul	88
16) 4-Methylphenol	8.77	108	133841	21.58	ng/ul	98
17) Hexachloroethane	9.09	117	44086	19.89	ng/ul#	79
20) Nitrobenzene	9.20	77	134683	20.18	ng/ul#	84
21) Isophorone	9.73	82	258717	19.02	ng/ul	100
23) 2-Nitrophenol	9.91	139	69491	21.30	ng/ul#	84
24) 2,4-Dimethylphenol	9.97	107	142332	21.05	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.21	93	162790	20.31	ng/ul	100
27) 2,4-Dichlorophenol	10.45	162	134328	22.03	ng/ul	95
28) Naphthalene	10.85	128	395202	20.44	ng/ul	98
30) 4-Chloroaniline	10.96	127	172448	23.52	ng/ul	100
31) Hexachlorobutadiene	11.14	225	76102	20.22	ng/ul	92
32) Caprolactam	11.71	113	47758	19.13	ng/ul	91
33) 4-Chloro-3-methylphenol	12.08	107	144249	22.19	ng/ul	96
34) 2-Methylnaphthalene	12.46	142	298492	20.90	ng/ul	92

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 16 01:32:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.68	142	281871	20.60	ng/ul#	100
37) 1,2,4,5-Tetrachlorobenzene	12.82	216	164331	19.98	ng/ul	96
38) Hexachlorocyclopentadiene	12.81	237	80130	17.52	ng/ul#	96
39) 2,4,6-Trichlorophenol	13.06	196	116297	21.78	ng/ul	94
40) 2,4,5-Trichlorophenol	13.14	196	126075	21.92	ng/ul	94
41) 1,1'-Biphenyl	13.46	154	399600	19.90	ng/ul	98
42) 2-Chloronaphthalene	13.50	162	312330	20.41	ng/ul	96
43) 2-Nitroaniline	13.70	65	91433	20.15	ng/ul#	77
45) Dimethylphthalate	14.08	163	407918	19.71	ng/ul	97
46) 2,6-Dinitrotoluene	14.20	165	88078	21.16	ng/ul#	89
48) Acenaphthylene	14.35	152	543333	20.19	ng/ul	99
49) 3-Nitroaniline	14.53	138	98154	22.22	ng/ul	82
50) Acenaphthene	14.69	153	374609	20.66	ng/ul	98
51) 2,4-Dinitrophenol	14.74	184	16722	8.93	ng/ul#	71
53) 4-Nitrophenol	14.84	109	54630	19.45	ng/ul	91
54) Dibenzofuran	15.03	168	513858	20.20	ng/ul	96
55) 2,4-Dinitrotoluene	14.98	165	129725	20.94	ng/ul#	86
56) 2,3,4,6-Tetrachlorophenol	15.25	232	110856	19.96	ng/ul#	90
57) Diethylphthalate	15.44	149	423946	19.71	ng/ul	99
59) Fluorene	15.67	166	438473	20.40	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.67	204	213633	20.86	ng/ul	92
61) 4-Nitroaniline	15.69	138	108283	21.31	ng/ul#	82
64) 4,6-Dinitro-2-methylphenol	15.75	198	57454	17.57	ng/ul	97
65) N-Nitrosodiphenylamine	15.88	169	372370	21.12	ng/ul	95
66) 4-Bromophenyl-phenylether	16.56	248	141680	21.48	ng/ul	89
67) Hexachlorobenzene	16.68	284	154922	21.19	ng/ul	95
68) Atrazine	16.82	200	158884	20.46	ng/ul	97
69) Pentachlorophenol	17.02	266	59218	13.89	ng/ul	92
70) Phenanthrene	17.41	178	702594	20.53	ng/ul	99
72) Anthracene	17.51	178	714429	20.81	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.43	216	166145	20.74	ng/uL	97
74) Pentachlorobenzene	14.95	250	170759	21.83	ng/uL	94
75) Carbazole	17.77	167	649905	21.32	ng/ul	99
76) Di-n-butylphthalate	18.33	149	782621	20.32	ng/ul	98
77) Fluoranthene	19.42	202	838091	22.09	ng/ul	97
80) Pyrene	19.78	202	847233	19.97	ng/ul	99
81) Butylbenzylphthalate	20.67	149	350126	21.51	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.52	252	310181	24.25	ng/ul#	98
83) Benzo(a)anthracene	21.61	228	820079	20.50	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.52	149	523018	21.67	ng/ul	96
85) Chrysene	21.68	228	757675	20.53	ng/ul	99
87) Di-n-octyl phthalate	22.71	149	878201	22.34	ng/ul	100
88) Benzo(b)fluoranthene	23.80	252	849542	20.23	ng/ul	99
89) Benzo(k)fluoranthene	23.87	252	822353	20.44	ng/ul	98
91) Benzo(a)pyrene	24.67	252	815334	20.43	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.43	276	953618	20.60	ng/ul	99
93) Dibenzo(a,h)anthracene	28.50	278	781430	21.04	ng/ul	97
94) Benzo(g,h,i)perylene	29.57	276	792307	20.51	ng/ul	99

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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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