Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091515\
Data File : BG018679.D
Acq On : 15 Sep 2015 12:21
Operator : UM/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02092

Manual Integrations APPROVED
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9/16/2015 1:25:37 PM

Quant Time: Sep 15 14:02:31 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 15 13:56:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	88378	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	396891	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.63	164	276184	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	717916	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	715079	20.00	ng/ul	0.00
86) Perylene-d12	24.82	264	726379	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	13422	7.30	ng/uL	0.00
5) Phenol-d5	7.16	99	150040	20.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	85373	20.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	117555	21.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	125723	21.35	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	59293	19.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	63102	20.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	138566	21.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	167856	22.66	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	422845	19.02	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	538649	20.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	81981	19.22	ng/ul	0.00
58) Fluorene-d10	15.62	176	406165	20.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	66545	19.58	ng/ul	0.00
71) Anthracene-d10	17.47	188	653132	20.66	ng/ul	0.00
79) Pyrene-d10	19.75	212	682937	20.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.61	264	735714	20.81	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	14656	7.37	ng/uL#	74
4) Benzaldehyde	7.13	77	97332	23.19	ng/ul	91
6) Phenol	7.19	94	163527	21.78	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.42	93	115564	20.61	ng/ul	91
10) 2-Chlorophenol	7.57	128	119140	20.94	ng/ul	94
11) 2-Methylphenol	8.44	108	120490	20.87	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.53	45	131558	19.77	ng/ul	98
14) Acetophenone	8.82	105	186948	20.85	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.80	70	89944	19.44	ng/ul#	85
16) 4-Methylphenol	8.77	108	136689	21.54	ng/ul	100
17) Hexachloroethane	9.08	117	44457	19.60	ng/ul#	73
20) Nitrobenzene	9.20	77	135692	19.46	ng/ul#	88
21) Isophorone	9.72	82	259150	18.24	ng/ul	99
23) 2-Nitrophenol	9.91	139	72253	21.20	ng/ul#	86
24) 2,4-Dimethylphenol	9.98	107	145513	20.60	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.21	93	160636	19.18	ng/ul	96
27) 2,4-Dichlorophenol	10.45	162	138377	21.72	ng/ul#	93
28) Naphthalene	10.86	128	406167	20.11	ng/ul	98
30) 4-Chloroaniline	10.96	127	175788	22.94	ng/ul	100
31) Hexachlorobutadiene	11.15	225	81758	20.79	ng/ul	94
32) Caprolactam	11.72	113	50474m	19.35	ng/ul	
33) 4-Chloro-3-methylphenol	12.09	107	151481	22.30	ng/ul	96
34) 2-Methylnaphthalene	12.46	142	301679	20.22	ng/ul	92

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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	12.68	142	289536	20.25	ng/ul#	100
37) 1,2,4,5-Tetrachlorobenzene	12.83	216	171073	19.98	ng/ul	97
38) Hexachlorocyclopentadiene	12.81	237	90758	19.06	ng/ul	95
39) 2,4,6-Trichlorophenol	13.07	196	120923	21.75	ng/ul	98
40) 2,4,5-Trichlorophenol	13.14	196	127392	21.28	ng/ul	96
41) 1,1'-Biphenyl	13.47	154	407090	19.48	ng/ul	99
42) 2-Chloronaphthalene	13.51	162	319137	20.03	ng/ul	94
43) 2-Nitroaniline	13.70	65	93328	19.76	ng/ul#	78
45) Dimethylphthalate	14.08	163	412406	19.14	ng/ul	97
46) 2,6-Dinitrotoluene	14.20	165	92233	21.28	ng/ul#	90
48) Acenaphthylene	14.35	152	557910	19.91	ng/ul	99
49) 3-Nitroaniline	14.52	138	101674	22.10	ng/ul#	85
50) Acenaphthene	14.70	153	382021	20.24	ng/ul	99
51) 2,4-Dinitrophenol	14.74	184	31461	16.14	ng/ul	87
53) 4-Nitrophenol	14.84	109	55518	18.98	ng/ul	90
54) Dibenzofuran	15.03	168	533412	20.14	ng/ul	96
55) 2,4-Dinitrotoluene	14.98	165	137983	21.39	ng/ul#	86
56) 2,3,4,6-Tetrachlorophenol	15.25	232	119615	20.69	ng/ul#	96
57) Diethylphthalate	15.44	149	438282	19.57	ng/ul	98
59) Fluorene	15.68	166	454172	20.30	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.66	204	223968	21.00	ng/ul	94
61) 4-Nitroaniline	15.69	138	112136	21.20	ng/ul	85
64) 4,6-Dinitro-2-methylphenol	15.75	198	71114	20.39	ng/ul#	85
65) N-Nitrosodiphenylamine	15.88	169	394768	20.99	ng/ul	93
66) 4-Bromophenyl-phenylether	16.56	248	149080	21.19	ng/ul	92
67) Hexachlorobenzene	16.68	284	164607	21.11	ng/ul	92
68) Atrazine	16.83	200	169942	20.52	ng/ul	97
69) Pentachlorophenol	17.02	266	76005	16.72	ng/ul	96
70) Phenanthrene	17.42	178	741533	20.32	ng/ul	98
72) Anthracene	17.51	178	745292	20.36	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.43	216	173663	20.33	ng/uL	95
74) Pentachlorobenzene	14.95	250	181598	21.77	ng/uL	97
75) Carbazole	17.77	167	664556	20.44	ng/ul	100
76) Di-n-butylphthalate	18.33	149	811137	19.75	ng/ul	98
77) Fluoranthene	19.42	202	836688	20.68	ng/ul	98
80) Pyrene	19.78	202	850766	20.23	ng/ul	98
81) Butylbenzylphthalate	20.66	149	350248	21.71	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.53	252	303474	23.93	ng/ul#	95
83) Benzo(a)anthracene	21.61	228	819382	20.67	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.52	149	513853	21.49	ng/ul	99
85) Chrysene	21.68	228	748300	20.46	ng/ul	99
87) Di-n-octyl phthalate	22.72	149	880414	22.90	ng/ul	100
88) Benzo(b)fluoranthene	23.81	252	825011	20.09	ng/ul	99
89) Benzo(k)fluoranthene	23.87	252	815643	20.73	ng/ul	98
91) Benzo(a)pyrene	24.67	252	802174	20.55	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.45	276	943005	20.83	ng/ul	99
93) Dibenzo(a,h)anthracene	28.51	278	779428	21.45	ng/ul	97
94) Benzo(g,h,i)perylene	29.58	276	782973	20.72	ng/ul	97

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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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