Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG111315\
Data File : BG019590.D
Acq On : 13 Nov 2015 13:21
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02015

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11/16/2015 3:26:04 PM

Quant Time: Nov 14 00:05:16 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 13 10:06:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	34630	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	142102	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.80	164	107857	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	293728	20.00	ng/ul	-0.01
78) Chrysene-d12	21.81	240	375003	20.00	ng/ul	-0.02
86) Perylene-d12	25.15	264	358447	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	5745	7.95	ng/uL	-0.01
5) Phenol-d5	7.31	99	61368	19.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	42607	21.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	38084	19.19	ng/ul	-0.01
13) 4-Methylphenol-d8	8.87	113	48159	19.02	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	21019	20.13	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.06	143	24220	19.54	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.61	165	49245	18.31	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	59270	21.78	ng/ul	-0.01
44) Dimethylphthalate-d6	14.19	166	172398	19.39	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	188307	19.12	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.99	143	28140	19.92	ng/ul	0.00
58) Fluorene-d10	15.79	176	150961	18.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	34286	18.03	ng/ul	-0.01
71) Anthracene-d10	17.64	188	246932	18.44	ng/ul	-0.01
79) Pyrene-d10	19.91	212	301833	18.39	ng/ul	-0.01
90) Benzo(a)pyrene-d12	24.92	264	327902	18.23	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	6907	8.39	ng/uL#	88
4) Benzaldehyde	7.28	77	44990	21.76	ng/ul	100
6) Phenol	7.34	94	66333	19.59	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.57	93	47780	20.54	ng/ul	95
10) 2-Chlorophenol	7.72	128	38769	18.98	ng/ul	97
11) 2-Methylphenol	8.61	108	47583	19.00	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.69	45	42890	23.00	ng/ul#	91
14) Acetophenone	8.99	105	82293	19.36	ng/ul	85
15) N-Nitroso-di-n-propylamine	8.97	70	53878	19.34	ng/ul#	86
16) 4-Methylphenol	8.94	108	53247	19.47	ng/ul	91
17) Hexachloroethane	9.26	117	18980	17.79	ng/ul#	89
20) Nitrobenzene	9.38	77	75176	18.41	ng/ul#	97
21) Isophorone	9.90	82	142414	19.25	ng/ul	99
23) 2-Nitrophenol	10.10	139	25332	17.99	ng/ul	90
24) 2,4-Dimethylphenol	10.15	107	66249	18.01	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.38	93	73230	20.91	ng/ul	96
27) 2,4-Dichlorophenol	10.63	162	46466	18.08	ng/ul#	88
28) Naphthalene	11.05	128	132331	18.61	ng/ul	96
30) 4-Chloroaniline	11.14	127	59418	20.83	ng/ul	97
31) Hexachlorobutadiene	11.32	225	43430	16.53	ng/ul	95
32) Caprolactam	11.90	113	19069m	20.70	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	63732	18.47	ng/ul#	93
34) 2-Methylnaphthalene	12.64	142	103373	18.09	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.85	142	101044	18.69	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	13.00	216	79239	17.82	ng/ul#	94
38) Hexachlorocyclopentadiene	12.98	237	52848	16.02	ng/ul	98
39) 2,4,6-Trichlorophenol	13.24	196	48771	18.56	ng/ul	92
40) 2,4,5-Trichlorophenol	13.31	196	51969	18.02	ng/ul	97
41) 1,1'-Biphenyl	13.64	154	144744	18.98	ng/ul#	95
42) 2-Chloronaphthalene	13.68	162	112487	18.92	ng/ul	95
43) 2-Nitroaniline	13.88	65	48839	19.20	ng/ul	99
45) Dimethylphthalate	14.24	163	171012	18.80	ng/ul	98
46) 2,6-Dinitrotoluene	14.36	165	33819	18.37	ng/ul	98
48) Acenaphthylene	14.52	152	186689	18.50	ng/ul	99
49) 3-Nitroaniline	14.70	138	31613	19.95	ng/ul	94
50) Acenaphthene	14.86	153	127015	18.64	ng/ul	96
51) 2,4-Dinitrophenol	14.91	184	22380	16.17	ng/ul	91
53) 4-Nitrophenol	15.00	109	34303	15.57	ng/ul#	70
54) Dibenzofuran	15.19	168	183082	18.25	ng/ul	99
55) 2,4-Dinitrotoluene	15.15	165	53640	18.45	ng/ul#	80
56) 2,3,4,6-Tetrachlorophenol	15.42	232	53542	17.76	ng/ul#	95
57) Diethylphthalate	15.60	149	165395	18.42	ng/ul	99
59) Fluorene	15.84	166	158591	18.12	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.83	204	90275	17.35	ng/ul	99
61) 4-Nitroaniline	15.86	138	33711	18.51	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.91	198	36121	17.57	ng/ul#	94
65) N-Nitrosodiphenylamine	16.04	169	140945	18.55	ng/ul	97
66) 4-Bromophenyl-phenylether	16.72	248	62350	17.86	ng/ul	98
67) Hexachlorobenzene	16.84	284	64647	17.45	ng/ul#	91
68) Atrazine	16.98	200	70492	18.72	ng/ul	99
69) Pentachlorophenol	17.18	266	37937	17.35	ng/ul	89
70) Phenanthrene	17.58	178	269992	18.21	ng/ul	97
72) Anthracene	17.67	178	274048	18.14	ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	13.61	216	78053	18.34	ng/uL	95
74) Pentachlorobenzene	15.11	250	75884	17.69	ng/uL	99
75) Carbazole	17.94	167	236849	19.64	ng/ul	96
76) Di-n-butylphthalate	18.48	149	286872	19.20	ng/ul#	97
77) Fluoranthene	19.58	202	372415	19.41	ng/ul#	96
80) Pyrene	19.94	202	384200	18.26	ng/ul#	91
81) Butylbenzylphthalate	20.81	149	130441	19.07	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.70	252	134362	18.29	ng/ul#	95
83) Benzo(a)anthracene	21.79	228	396240	18.14	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.68	149	187810	19.32	ng/ul	99
85) Chrysene	21.86	228	373379	18.23	ng/ul	99
87) Di-n-octyl phthalate	22.93	149	326434	20.11	ng/ul	100
88) Benzo(b)fluoranthene	24.08	252	379427	17.95	ng/ul#	96
89) Benzo(k)fluoranthene	24.15	252	373755	18.37	ng/ul#	98
91) Benzo(a)pyrene	24.99	252	369065	18.17	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	28.98	276	412242	18.02	ng/ul#	97
93) Dibenzo(a,h)anthracene	29.04	278	344603	18.04	ng/ul#	94
94) Benzo(g,h,i)perylene	30.18	276	340752m	19.62	ng/ul	

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

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