Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
Data File : BG021304.D
Acq On : 5 Mar 2016 13:59
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02013

Manual Integrations APPROVED
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3/7/2016 12:39:23 PM

Quant Time: Mar 07 03:42:11 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 07 03:13:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	9693	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	47077	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	28306	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	66145m	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	73285	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	67402	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	1837	7.70	ng/uL	0.00
5) Phenol-d5	7.27	99	19833	19.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	13895	20.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	14471	20.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	15842	19.54	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	7417	19.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	7624	18.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	14038	19.32	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	17890	19.42	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	45459	19.16	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	57680	19.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	8651	18.71	ng/ul	0.00
58) Fluorene-d10	15.72	176	40646	19.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	8397	17.69	ng/ul	0.00
71) Anthracene-d10	17.57	188	64009	19.46	ng/ul	0.00
79) Pyrene-d10	19.84	212	72185	19.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	69347	19.06	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	2197	7.71	ng/uL	95
4) Benzaldehyde	7.26	77	9414	13.63	ng/ul	94
6) Phenol	7.30	94	21844	19.73	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.54	93	16579	20.30	ng/ul	97
10) 2-Chlorophenol	7.69	128	15147	19.65	ng/ul#	88
11) 2-Methylphenol	8.56	108	16064	19.64	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.66	45	25614	20.70	ng/ul	96
14) Acetophenone	8.95	105	27113	19.81	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.93	70	16452	19.37	ng/ul#	96
16) 4-Methylphenol	8.88	108	17475	19.16	ng/ul	95
17) Hexachloroethane	9.21	117	6870	20.47	ng/ul	99
20) Nitrobenzene	9.33	77	24208	20.00	ng/ul	99
21) Isophorone	9.85	82	43050	19.21	ng/ul	98
23) 2-Nitrophenol	10.05	139	8796	18.94	ng/ul#	91
24) 2,4-Dimethylphenol	10.09	107	21538	19.80	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.33	93	22755	19.38	ng/ul	95
27) 2,4-Dichlorophenol	10.58	162	14702	19.34	ng/ul	96
28) Naphthalene	10.98	128	51049	19.33	ng/ul	99
30) 4-Chloroaniline	11.09	127	19816	19.71	ng/ul	100
31) Hexachlorobutadiene	11.26	225	10060	19.82	ng/ul	89
32) Caprolactam	11.85	113	5251m	17.91	ng/ul	
33) 4-Chloro-3-methylphenol	12.19	107	19582	19.31	ng/ul	96
34) 2-Methylnaphthalene	12.57	142	36620	19.16	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.79	142	34828	19.45 ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	18750	19.39 ng/ul	95
38) Hexachlorocyclopentadiene	12.91	237	11503	17.70 ng/ul	98
39) 2,4,6-Trichlorophenol	13.17	196	12783	19.48 ng/ul	97
40) 2,4,5-Trichlorophenol	13.24	196	13799	19.59 ng/ul	96
41) 1,1'-Biphenyl	13.57	154	46306	18.83 ng/ul	99
42) 2-Chloronaphthalene	13.61	162	36769	19.62 ng/ul	97
43) 2-Nitroaniline	13.82	65	16443	20.39 ng/ul	94
45) Dimethylphthalate	14.18	163	47868	18.76 ng/ul	99
46) 2,6-Dinitrotoluene	14.31	165	9913	19.00 ng/ul	97
48) Acenaphthylene	14.46	152	60133	19.66 ng/ul	98
49) 3-Nitroaniline	14.64	138	8988	17.19 ng/ul#	87
50) Acenaphthene	14.80	153	41462	19.76 ng/ul	96
51) 2,4-Dinitrophenol	14.84	184	5750	16.02 ng/ul#	82
53) 4-Nitrophenol	14.93	109	11246	20.11 ng/ul	93
54) Dibenzofuran	15.13	168	55607	19.49 ng/ul	99
55) 2,4-Dinitrotoluene	15.09	165	15320	19.81 ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	15.35	232	11824	18.96 ng/ul#	98
57) Diethylphthalate	15.54	149	52923	18.87 ng/ul	98
59) Fluorene	15.78	166	48640	19.58 ng/ul	94
60) 4-Chlorophenyl-phenylether	15.76	204	24001	19.25 ng/ul	97
61) 4-Nitroaniline	15.79	138	9336	14.99 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.85	198	9160	17.85 ng/ul	93
65) N-Nitrosodiphenylamine	15.98	169	42733	19.59 ng/ul	92
66) 4-Bromophenyl-phenylether	16.66	248	14229	19.28 ng/ul	98
67) Hexachlorobenzene	16.78	284	14591	20.13 ng/ul	98
68) Atrazine	16.92	200	16013	19.41 ng/ul	98
69) Pentachlorophenol	17.12	266	9113m	18.30 ng/ul	
70) Phenanthrene	17.52	178	77568m	19.49 ng/ul	
72) Anthracene	17.60	178	79005	19.66 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	17463	19.47 ng/uL	95
74) Pentachlorobenzene	15.05	250	17562	19.69 ng/uL	93
75) Carbazole	17.87	167	68981	19.64 ng/ul	98
76) Di-n-butylphthalate	18.41	149	93745	19.71 ng/ul	99
77) Fluoranthene	19.51	202	90611	19.46 ng/ul	98
80) Pyrene	19.87	202	94711	19.29 ng/ul#	97
81) Butylbenzylphthalate	20.75	149	42157	18.92 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.62	252	28050	17.31 ng/ul	98
83) Benzo(a)anthracene	21.71	228	92874	19.55 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	62679	18.93 ng/ul	98
85) Chrysene	21.78	228	86271	19.45 ng/ul	99
87) Di-n-octyl phthalate	22.83	149	107442	19.10 ng/ul	100
88) Benzo(b)fluoranthene	23.94	252	92010m	19.72 ng/ul	
89) Benzo(k)fluoranthene	24.01	252	86577	19.24 ng/ul	99
91) Benzo(a)pyrene	24.84	252	88025	19.54 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.69	276	95452	19.50 ng/ul	97
93) Dibenzo(a,h)anthracene	28.75	278	81220	19.21 ng/ul	99
94) Benzo(g,h,i)perylene	29.85	276	78008	19.08 ng/ul	98

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

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