Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032416\
Data File : BG021481.D
Acq On : 24 Mar 2016 11:15
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02016

Manual Integrations APPROVED
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3/25/2016 3:01:06 PM

Quant Time: Mar 25 00:58:07 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 23 03:32:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	9543	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.86	136	47285	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.68	164	32520	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	84212	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	96876	20.00	ng/ul	0.00
86) Perylene-d12	24.88	264	95292	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	2025	9.52	ng/uL	-0.02
5) Phenol-d5	7.33	99	19549	21.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	12824	23.99	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.63	132	15004	21.90	ng/ul	-0.01
13) 4-Methylphenol-d8	8.84	113	18220	23.58	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	8165	23.02	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.95	143	8695	21.44	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.56	165	16495	22.76	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.01	131	23195	24.48	ng/ul	-0.01
44) Dimethylphthalate-d6	14.08	166	61777	22.81	ng/ul	-0.01
47) Acenaphthylene-d8	14.37	160	72255	21.65	ng/ul	-0.01
52) 4-Nitrophenol-d4	15.07	143	8439	19.50	ng/ul	0.00
58) Fluorene-d10	15.66	176	53621	21.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	11283	20.28	ng/ul	0.00
71) Anthracene-d10	17.52	188	87728	21.26	ng/ul	0.00
79) Pyrene-d10	19.79	212	99924	22.12	ng/ul	-0.01
90) Benzo(a)pyrene-d12	24.66	264	93348	21.22	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	2875	10.01	ng/uL#	80
4) Benzaldehyde	7.20	77	13384	24.35	ng/ul	93
6) Phenol	7.36	94	20427	21.41	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.48	93	14876	21.55	ng/ul	90
10) 2-Chlorophenol	7.67	128	15825	22.47	ng/ul	89
11) 2-Methylphenol	8.57	108	16528	22.52	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.58	45	18544	22.27	ng/ul#	1
14) Acetophenone	8.88	105	28260	22.41	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.86	70	16256	23.26	ng/ul#	97
16) 4-Methylphenol	8.90	108	18445	22.15	ng/ul#	79
17) Hexachloroethane	9.14	117	6543	22.14	ng/ul	97
20) Nitrobenzene	9.27	77	22728	22.68	ng/ul	91
21) Isophorone	9.78	82	44998	23.30	ng/ul	98
23) 2-Nitrophenol	9.98	139	10022	22.39	ng/ul	95
24) 2,4-Dimethylphenol	10.08	107	22743	22.51	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.26	93	22441	22.30	ng/ul	98
27) 2,4-Dichlorophenol	10.59	162	16714	22.20	ng/ul	99
28) Naphthalene	10.92	128	54229	21.63	ng/ul	98
30) 4-Chloroaniline	11.03	127	24423	24.56	ng/ul	97
31) Hexachlorobutadiene	11.19	225	11560	20.85	ng/ul	93
32) Caprolactam	11.79	113	7142m	25.26	ng/ul	
33) 4-Chloro-3-methylphenol	12.23	107	22977	25.00	ng/ul	96
34) 2-Methylnaphthalene	12.52	142	41205	22.15	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.73	142	40127	22.23 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	23330	20.49 ng/ul	96
38) Hexachlorocyclopentadiene	12.85	237	8559	20.53 ng/ul	96
39) 2,4,6-Trichlorophenol	13.14	196	15571	23.27 ng/ul	98
40) 2,4,5-Trichlorophenol	13.30	196	16720	22.89 ng/ul	97
41) 1,1'-Biphenyl	13.51	154	55886	21.01 ng/ul	96
42) 2-Chloronaphthalene	13.56	162	43548	20.93 ng/ul	99
43) 2-Nitroaniline	13.78	65	16871	23.25 ng/ul#	82
45) Dimethylphthalate	14.13	163	64607	22.96 ng/ul	99
46) 2,6-Dinitrotoluene	14.25	165	13331	23.22 ng/ul	98
48) Acenaphthylene	14.40	152	72974	22.07 ng/ul	97
49) 3-Nitroaniline	14.60	138	12776	24.05 ng/ul	99
50) Acenaphthene	14.74	153	49526	21.71 ng/ul	98
51) 2,4-Dinitrophenol	14.81	184	5609	19.39 ng/ul	90
53) 4-Nitrophenol	15.08	109	10126	22.55 ng/ul#	1
54) Dibenzofuran	15.07	168	70468	22.05 ng/ul	97
55) 2,4-Dinitrotoluene	15.04	165	19686	23.39 ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	15.32	232	12765	23.91 ng/ul	94
57) Diethylphthalate	15.48	149	69480	23.11 ng/ul	99
59) Fluorene	15.72	166	62379	22.33 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.71	204	31671	21.58 ng/ul	99
61) 4-Nitroaniline	15.76	138	13313m	23.92 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.81	198	11702	19.92 ng/ul	98
65) N-Nitrosodiphenylamine	15.92	169	56267	21.57 ng/ul	98
66) 4-Bromophenyl-phenylether	16.60	248	20980	21.33 ng/ul	87
67) Hexachlorobenzene	16.72	284	21231	20.46 ng/ul	95
68) Atrazine	16.87	200	22575	21.46 ng/ul	94
69) Pentachlorophenol	17.09	266	4327	15.77 ng/ul#	87
70) Phenanthrene	17.46	178	103072	21.61 ng/ul	99
72) Anthracene	17.55	178	106100	21.86 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	23311	19.77 ng/uL#	86
74) Pentachlorobenzene	14.99	250	24376	19.91 ng/uL	96
75) Carbazole	17.83	167	90337	21.52 ng/ul	96
76) Di-n-butylphthalate	18.36	149	114358	21.11 ng/ul	99
77) Fluoranthene	19.46	202	123190	21.40 ng/ul#	93
80) Pyrene	19.82	202	127438	22.08 ng/ul#	93
81) Butylbenzylphthalate	20.69	149	52728	21.63 ng/ul	93
82) 3,3'-Dichlorobenzidine	21.56	252	46582	23.19 ng/ul	98
83) Benzo(a)anthracene	21.65	228	128487	21.97 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	80241	22.50 ng/ul	99
85) Chrysene	21.72	228	120519	21.76 ng/ul	100
87) Di-n-octyl phthalate	22.73	149	136077	21.03 ng/ul	100
88) Benzo(b)fluoranthene	23.85	252	131394	21.47 ng/ul	99
89) Benzo(k)fluoranthene	23.93	252	126956	21.11 ng/ul	98
91) Benzo(a)pyrene	24.72	252	128613	21.64 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.53	276	142283	21.07 ng/ul#	95
93) Dibenzo(a,h)anthracene	28.58	278	120767	21.02 ng/ul	95
94) Benzo(g,h,i)perylene	29.68	276	117824	21.22 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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