Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021396.D
Acq On : 10 Mar 2016 6:55
Operator : UM/SJ
Sample : SSTD01025
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD01025

Quant Time: Mar 10 10:25:23 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 10 10:00:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	9936	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	49140	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	32588	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	80929	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	84540	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	78975	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	851	3.76	ng/uL	0.00
5) Phenol-d5	7.27	99	10176	9.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	6903	9.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	7552	9.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	8687	9.52	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	3786	9.48	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	4247	9.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.54	165	8018	10.03	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	10857	10.29	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	28628	9.85	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	34021	9.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	5067	9.22	ng/ul	0.00
58) Fluorene-d10	15.72	176	24687	9.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	4511	9.25	ng/ul	0.00
71) Anthracene-d10	17.57	188	41049	10.24	ng/ul	0.00
79) Pyrene-d10	19.84	212	44254	10.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	42403	9.95	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	1129	3.29	ng/uL	98
4) Benzaldehyde	7.26	77	8242	11.17	ng/ul	96
6) Phenol	7.30	94	10834	8.93	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.53	93	8280	9.56	ng/ul	98
10) 2-Chlorophenol	7.68	128	7857	9.51	ng/ul	95
11) 2-Methylphenol	8.55	108	8005	8.78	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.65	45	13285	9.63	ng/ul	97
14) Acetophenone	8.94	105	14258	9.22	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.91	70	9436	9.65	ng/ul	96
16) 4-Methylphenol	8.88	108	9189	8.97	ng/ul	81
17) Hexachloroethane	9.20	117	3413	9.49	ng/ul	93
20) Nitrobenzene	9.32	77	12494	9.49	ng/ul	97
21) Isophorone	9.84	82	25177	9.58	ng/ul	97
23) 2-Nitrophenol	10.04	139	5037	9.56	ng/ul#	93
24) 2,4-Dimethylphenol	10.09	107	11554	9.71	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.32	93	12644	10.03	ng/ul	99
27) 2,4-Dichlorophenol	10.57	162	8206	9.87	ng/ul	98
28) Naphthalene	10.98	128	27524	9.93	ng/ul	98
30) 4-Chloroaniline	11.09	127	11582	10.04	ng/ul	98
31) Hexachlorobutadiene	11.26	225	5134	9.58	ng/ul	93
32) Caprolactam	11.85	113	3612	9.53	ng/ul	94
33) 4-Chloro-3-methylphenol	12.19	107	11821	9.97	ng/ul	97
34) 2-Methylnaphthalene	12.57	142	19962	9.77	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.79	142	19125	9.88	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	10598	10.02	ng/ul#	94
38) Hexachlorocyclopentadiene	12.91	237	5254	8.75	ng/ul#	98
39) 2,4,6-Trichlorophenol	13.17	196	7824	9.69	ng/ul	99
40) 2,4,5-Trichlorophenol	13.24	196	8587	9.53	ng/ul	97
41) 1,1'-Biphenyl	13.57	154	27104	9.96	ng/ul	98
42) 2-Chloronaphthalene	13.61	162	21139	9.99	ng/ul	96
43) 2-Nitroaniline	13.81	65	9896	9.51	ng/ul	97
45) Dimethylphthalate	14.18	163	30694	9.98	ng/ul	99
46) 2,6-Dinitrotoluene	14.30	165	6246	9.76	ng/ul	96
48) Acenaphthylene	14.45	152	35563	10.03	ng/ul	95
49) 3-Nitroaniline	14.64	138	6360	9.93	ng/ul#	93
50) Acenaphthene	14.79	153	24512	10.15	ng/ul	97
51) 2,4-Dinitrophenol	14.84	184	1814	7.18	ng/ul	94
53) 4-Nitrophenol	14.93	109	6174	9.12	ng/ul	94
54) Dibenzofuran	15.12	168	34489	10.25	ng/ul	97
55) 2,4-Dinitrotoluene	15.09	165	9288	9.60	ng/ul#	94
56) 2,3,4,6-Tetrachlorophenol	15.35	232	7523	9.65	ng/ul	97
57) Diethylphthalate	15.53	149	33591	9.72	ng/ul	94
59) Fluorene	15.78	166	29328	9.96	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.76	204	14562	9.83	ng/ul	98
61) 4-Nitroaniline	15.79	138	7949	10.60	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.85	198	4751	9.02	ng/ul#	82
65) N-Nitrosodiphenylamine	15.98	169	26888	10.18	ng/ul	98
66) 4-Bromophenyl-phenylether	16.65	248	9441	10.73	ng/ul	92
67) Hexachlorobenzene	16.77	284	9697	11.30	ng/ul	95
68) Atrazine	16.92	200	10369	10.13	ng/ul	99
69) Pentachlorophenol	17.12	266	4328	8.61	ng/ul	90
70) Phenanthrene	17.52	178	48412	10.14	ng/ul	96
72) Anthracene	17.60	178	49524	10.19	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	10073	10.09	ng/uL	95
74) Pentachlorobenzene	15.05	250	10772	10.21	ng/uL	100
75) Carbazole	17.87	167	43696	10.35	ng/ul	96
76) Di-n-butylphthalate	18.41	149	58649	10.04	ng/ul	100
77) Fluoranthene	19.51	202	56580	10.25	ng/ul	97
80) Pyrene	19.87	202	58190	10.41	ng/ul	99
81) Butylbenzylphthalate	20.74	149	26208	9.98	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.62	252	19530	10.53	ng/ul	100
83) Benzo(a)anthracene	21.71	228	55860	10.24	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	38715	9.96	ng/ul	97
85) Chrysene	21.78	228	51681	10.26	ng/ul	99
87) Di-n-octyl phthalate	22.82	149	65671	9.89	ng/ul	100
88) Benzo(b)fluoranthene	23.95	252	54042	10.02	ng/ul	97
89) Benzo(k)fluoranthene	24.01	252	52607	9.95	ng/ul	97
91) Benzo(a)pyrene	24.84	252	52756	10.06	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.70	276	58598	9.99	ng/ul	97
93) Dibenzo(a,h)anthracene	28.75	278	49479	9.98	ng/ul#	97
94) Benzo(g,h,i)perylene	29.85	276	48849	10.16	ng/ul	99

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

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