Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018062.D
Acq On : 23 Jul 2015 13:52
Operator : TP/UM
Sample : SSTD02027
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02027

Quant Time: Jul 23 15:10:23 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 23 15:09:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	47435	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	231688	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	151817	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	347761	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	364232	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	358710	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	5516	16.08	ng/uL	0.00
5) Phenol-d5	6.69	99	68125	19.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	34488	19.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	62295	19.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	59358	18.99	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	33459	18.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	36776	17.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	62902	18.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.44	131	69996	18.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	203635	18.36	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	251482	19.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	41469	20.52	ng/ul	0.00
58) Fluorene-d10	15.18	176	188010	19.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	38874	24.56	ng/ul	0.00
71) Anthracene-d10	17.03	188	287065	19.16	ng/ul	0.00
79) Pyrene-d10	19.34	212	320792	20.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	318846	18.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	6056	16.47	ng/uL	97
4) Benzaldehyde	6.66	77	36877	19.56	ng/ul	97
6) Phenol	6.72	94	69373	18.78	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.95	93	54016	19.62	ng/ul	93
10) 2-Chlorophenol	7.08	128	61260	19.51	ng/ul	97
11) 2-Methylphenol	7.96	108	57019	19.51	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.06	45	55897	19.19	ng/ul	98
14) Acetophenone	8.33	105	86698	19.66	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.32	70	45944	18.35	ng/ul	98
16) 4-Methylphenol	8.29	108	64726	19.76	ng/ul	97
17) Hexachloroethane	8.58	117	23483	18.70	ng/ul	91
20) Nitrobenzene	8.71	77	64870	18.61	ng/ul	95
21) Isophorone	9.23	82	131851	16.96	ng/ul	99
23) 2-Nitrophenol	9.41	139	38822	16.82	ng/ul	99
24) 2,4-Dimethylphenol	9.49	107	68164	18.20	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.73	93	73990	18.10	ng/ul	97
27) 2,4-Dichlorophenol	9.95	162	61561	17.93	ng/ul	99
28) Naphthalene	10.34	128	204407	19.02	ng/ul	100
30) 4-Chloroaniline	10.46	127	72253	18.24	ng/ul	95
31) Hexachlorobutadiene	10.63	225	36149	19.21	ng/ul	96
32) Caprolactam	11.21	113	29537	19.80	ng/ul	95
33) 4-Chloro-3-methylphenol	11.61	107	65827	17.48	ng/ul	97
34) 2-Methylnaphthalene	11.97	142	156598	18.92	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.19	142	153621	19.16	ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.35	216	73773	18.96	ng/ul	96
38) Hexachlorocyclopentadiene	12.33	237	40528	19.73	ng/ul	95
39) 2,4,6-Trichlorophenol	12.60	196	47928	17.05	ng/ul	94
40) 2,4,5-Trichlorophenol	12.67	196	52560	17.07	ng/ul	97
41) 1,1'-Biphenyl	13.00	154	200728	19.17	ng/ul	98
42) 2-Chloronaphthalene	13.05	162	157478	19.23	ng/ul	98
43) 2-Nitroaniline	13.26	65	40835	18.85	ng/ul	96
45) Dimethylphthalate	13.64	163	205696	18.64	ng/ul	99
46) 2,6-Dinitrotoluene	13.77	165	46257	18.94	ng/ul	96
48) Acenaphthylene	13.90	152	264469	19.05	ng/ul	100
49) 3-Nitroaniline	14.09	138	40688	18.82	ng/ul#	97
50) Acenaphthene	14.24	153	170562	18.78	ng/ul	99
51) 2,4-Dinitrophenol	14.31	184	19799	30.24	ng/ul	91
53) 4-Nitrophenol	14.41	109	28161	21.14	ng/ul	96
54) Dibenzofuran	14.58	168	246958	19.19	ng/ul	93
55) 2,4-Dinitrotoluene	14.56	165	66289	19.41	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.82	232	47468	20.62	ng/ul	98
57) Diethylphthalate	15.03	149	213440	18.88	ng/ul	99
59) Fluorene	15.24	166	211379	19.19	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.24	204	103749	19.15	ng/ul	99
61) 4-Nitroaniline	15.27	138	51182	19.66	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.32	198	41352	25.19	ng/ul	100
65) N-Nitrosodiphenylamine	15.45	169	183660	18.86	ng/ul	99
66) 4-Bromophenyl-phenylether	16.14	248	64196	18.69	ng/ul	95
67) Hexachlorobenzene	16.24	284	71646	18.94	ng/ul	99
68) Atrazine	16.42	200	70278	20.58	ng/ul	99
69) Pentachlorophenol	16.59	266	35769	25.53	ng/ul	94
70) Phenanthrene	16.98	178	334217	18.92	ng/ul	100
72) Anthracene	17.07	178	341253	19.15	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.96	216	74285	18.61	ng/uL	98
74) Pentachlorobenzene	14.50	250	77590	18.47	ng/uL	99
75) Carbazole	17.35	167	313192	20.78	ng/ul	100
76) Di-n-butylphthalate	17.92	149	396192	21.14	ng/ul	99
77) Fluoranthene	19.01	202	392439	21.89	ng/ul	98
80) Pyrene	19.37	202	407097	20.72	ng/ul	99
81) Butylbenzylphthalate	20.30	149	161702	19.71	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.07	252	107671	19.53	ng/ul	98
83) Benzo(a)anthracene	21.12	228	370161	19.54	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.08	149	233917	19.54	ng/ul	100
85) Chrysene	21.18	228	350742	19.65	ng/ul	98
87) Di-n-octyl phthalate	21.94	149	394244	20.68	ng/ul	100
88) Benzo(b)fluoranthene	22.68	252	360120	18.65	ng/ul	97
89) Benzo(k)fluoranthene	22.72	252	363898	19.64	ng/ul	99
91) Benzo(a)pyrene	23.23	252	357635	19.10	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.54	276	403330	18.38	ng/ul	96
93) Dibenzo(a,h)anthracene	25.55	278	348727	18.60	ng/ul	98
94) Benzo(g,h,i)perylene	26.22	276	334998	18.22	ng/ul	98

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

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