Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018088.D
Acq On : 24 Jul 2015 5:02
Operator : TP/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02032

Quant Time: Jul 24 06:47:20 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 01:33:04 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	56552	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	268079	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	170707	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	361331	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	351646	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	353297	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	6227	6.88	ng/uL	0.00
5) Phenol-d5	6.70	99	79436	18.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	38036	17.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	73222	18.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	70658	18.26	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	39633	18.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	42542	19.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	75115	19.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.44	131	81924	18.08	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	215943	18.02	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	281827	19.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	43747	17.35	ng/ul	0.01
58) Fluorene-d10	15.18	176	205851	18.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	39149	16.95	ng/ul	0.00
71) Anthracene-d10	17.03	188	300350	19.19	ng/ul	0.00
79) Pyrene-d10	19.34	212	298187	18.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	319557	18.95	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	6840	7.05	ng/uL	94
4) Benzaldehyde	6.66	77	41306	18.42	ng/ul	98
6) Phenol	6.72	94	82779	18.58	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.95	93	59235	17.83	ng/ul	98
10) 2-Chlorophenol	7.08	128	71603	18.70	ng/ul	97
11) 2-Methylphenol	7.97	108	65261	17.74	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.06	45	63067	17.93	ng/ul	98
14) Acetophenone	8.33	105	96717	17.74	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.32	70	50714	17.51	ng/ul	98
16) 4-Methylphenol	8.30	108	73101	17.96	ng/ul	98
17) Hexachloroethane	8.58	117	27680	18.77	ng/ul	94
20) Nitrobenzene	8.71	77	74261	19.04	ng/ul	99
21) Isophorone	9.23	82	146113	17.98	ng/ul	98
23) 2-Nitrophenol	9.42	139	45777	19.00	ng/ul	95
24) 2,4-Dimethylphenol	9.49	107	80382	18.97	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.72	93	81804	17.89	ng/ul	96
27) 2,4-Dichlorophenol	9.95	162	72590	19.26	ng/ul	96
28) Naphthalene	10.34	128	241933	19.26	ng/ul	97
30) 4-Chloroaniline	10.46	127	84723	18.15	ng/ul	92
31) Hexachlorobutadiene	10.64	225	42186	19.10	ng/ul	93
32) Caprolactam	11.21	113	30772	17.14	ng/ul	89
33) 4-Chloro-3-methylphenol	11.60	107	77378	18.83	ng/ul	97
34) 2-Methylnaphthalene	11.97	142	177497	18.72	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.19	142	173759	18.77	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.35	216	88155	20.09	ng/ul	97
38) Hexachlorocyclopentadiene	12.33	237	35973	13.99	ng/ul#	92
39) 2,4,6-Trichlorophenol	12.60	196	57398	19.50	ng/ul	98
40) 2,4,5-Trichlorophenol	12.67	196	62292	19.45	ng/ul	96
41) 1,1'-Biphenyl	13.01	154	222190	19.01	ng/ul	97
42) 2-Chloronaphthalene	13.04	162	178632	19.41	ng/ul	97
43) 2-Nitroaniline	13.26	65	44173	18.27	ng/ul	97
45) Dimethylphthalate	13.65	163	216835	17.98	ng/ul	100
46) 2,6-Dinitrotoluene	13.77	165	51298	18.54	ng/ul	97
48) Acenaphthylene	13.90	152	297093	19.21	ng/ul	99
49) 3-Nitroaniline	14.10	138	46299	18.67	ng/ul	98
50) Acenaphthene	14.25	153	189614	18.73	ng/ul	99
51) 2,4-Dinitrophenol	14.31	184	21192	14.75	ng/ul#	88
53) 4-Nitrophenol	14.42	109	29475	17.77	ng/ul	99
54) Dibenzofuran	14.58	168	271225	18.85	ng/ul	97
55) 2,4-Dinitrotoluene	14.56	165	70143	17.65	ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	14.82	232	50867	17.80	ng/ul	95
57) Diethylphthalate	15.02	149	219080	17.39	ng/ul	99
59) Fluorene	15.24	166	229319	18.51	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.24	204	113314	18.26	ng/ul	96
61) 4-Nitroaniline	15.27	138	56314	18.34	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.33	198	41014	16.86	ng/ul	100
65) N-Nitrosodiphenylamine	15.45	169	194935	19.80	ng/ul	99
66) 4-Bromophenyl-phenylether	16.13	248	67924	19.12	ng/ul	94
67) Hexachlorobenzene	16.25	284	77868	19.56	ng/ul	95
68) Atrazine	16.42	200	72068	18.93	ng/ul	99
69) Pentachlorophenol	16.59	266	37402	17.31	ng/ul	95
70) Phenanthrene	16.98	178	348135	19.18	ng/ul	98
72) Anthracene	17.07	178	352658	19.13	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.97	216	87328	21.49	ng/uL	96
74) Pentachlorobenzene	14.51	250	87042	20.36	ng/uL	98
75) Carbazole	17.35	167	304381	19.06	ng/ul	99
76) Di-n-butylphthalate	17.92	149	388129	18.46	ng/ul	99
77) Fluoranthene	19.01	202	364358	18.84	ng/ul	99
80) Pyrene	19.37	202	376186	18.68	ng/ul	99
81) Butylbenzylphthalate	20.29	149	162745	19.76	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.06	252	106734	19.14	ng/ul	97
83) Benzo(a)anthracene	21.12	228	359954	19.35	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	231994	19.65	ng/ul	99
85) Chrysene	21.18	228	340687	19.45	ng/ul	97
87) Di-n-octyl phthalate	21.93	149	398347	21.05	ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	360962	18.65	ng/ul	99
89) Benzo(k)fluoranthene	22.72	252	351506	18.76	ng/ul	98
91) Benzo(a)pyrene	23.23	252	349283	18.63	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.54	276	412716	19.08	ng/ul	97
93) Dibenzo(a,h)anthracene	25.55	278	353556	19.15	ng/ul	98
94) Benzo(g,h,i)perylene	26.21	276	336728	18.84	ng/ul	99

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

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