Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG082615\
Data File : BG018507.D
Acq On : 26 Aug 2015 12:55
Operator : UM/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02013

Quant Time: Aug 26 13:48:13 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 26 13:37:33 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	80828	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	358907	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	235759	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	608213	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	625446	20.00	ng/ul	0.00
86) Perylene-d12	24.84	264	630406	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	13567	7.42	ng/uL	0.00
5) Phenol-d5	7.17	99	144185	19.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	87009	19.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	105826	18.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	123480	20.03	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	56255	20.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	55702	19.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	126414	20.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	169452	24.79	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	406745	20.51	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	501924	20.09	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	80588	22.59	ng/ul	0.00
58) Fluorene-d10	15.63	176	356882	20.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	56634	18.93	ng/ul	0.00
71) Anthracene-d10	17.49	188	587383	20.19	ng/ul	0.00
79) Pyrene-d10	19.76	212	656967	20.25	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.62	264	671829	20.07	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	14423	7.37	ng/uL#	77
4) Benzaldehyde	7.14	77	97964	22.76	ng/ul	96
6) Phenol	7.20	94	146107	19.53	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.43	93	115651	20.09	ng/ul	98
10) 2-Chlorophenol	7.57	128	109638	19.15	ng/ul	93
11) 2-Methylphenol	8.45	108	116687	20.11	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.54	45	146880	15.90	ng/ul	98
14) Acetophenone	8.83	105	185823	20.87	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.81	70	99536	19.48	ng/ul	88
16) 4-Methylphenol	8.78	108	125632	19.84	ng/ul	95
17) Hexachloroethane	9.09	117	43585	17.66	ng/ul	93
20) Nitrobenzene	9.21	77	137318	19.45	ng/ul	92
21) Isophorone	9.74	82	275137	20.26	ng/ul	99
23) 2-Nitrophenol	9.92	139	64348	20.34	ng/ul#	86
24) 2,4-Dimethylphenol	9.98	107	135932	19.17	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.22	93	167396	19.78	ng/ul	98
27) 2,4-Dichlorophenol	10.46	162	117431	20.73	ng/ul	98
28) Naphthalene	10.87	128	387299	20.41	ng/ul	98
30) 4-Chloroaniline	10.97	127	165617	23.82	ng/ul	98
31) Hexachlorobutadiene	11.16	225	66950	18.71	ng/ul#	89
32) Caprolactam	11.72	113	51507m	22.57	ng/ul	
33) 4-Chloro-3-methylphenol	12.09	107	134848	20.54	ng/ul	99
34) 2-Methylnaphthalene	12.47	142	283378	20.63	ng/ul	94

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35) 1-Methylnaphthalene	12.69	142	282517	21.06	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	148245	19.61	ng/ul	96
38) Hexachlorocyclopentadiene	12.82	237	70977	15.77	ng/ul	92
39) 2,4,6-Trichlorophenol	13.07	196	100468	19.51	ng/ul	96
40) 2,4,5-Trichlorophenol	13.14	196	107185	19.36	ng/ul	96
41) 1,1'-Biphenyl	13.48	154	386448	19.64	ng/ul	96
42) 2-Chloronaphthalene	13.52	162	295486	19.33	ng/ul	96
43) 2-Nitroaniline	13.71	65	96550	19.57	ng/ul	87
45) Dimethylphthalate	14.09	163	389742	19.92	ng/ul	97
46) 2,6-Dinitrotoluene	14.21	165	82618	21.20	ng/ul	91
48) Acenaphthylene	14.37	152	517723	20.67	ng/ul	99
49) 3-Nitroaniline	14.54	138	97370	24.50	ng/ul	87
50) Acenaphthene	14.71	153	357157	20.32	ng/ul	99
51) 2,4-Dinitrophenol	14.74	184	35488	18.67	ng/ul#	86
53) 4-Nitrophenol	14.85	109	57115	18.41	ng/ul	96
54) Dibenzofuran	15.04	168	480549	20.93	ng/ul	97
55) 2,4-Dinitrotoluene	14.99	165	120940	21.75	ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	15.26	232	97358	20.18	ng/ul#	98
57) Diethylphthalate	15.45	149	412222	19.83	ng/ul	99
59) Fluorene	15.69	166	412358	20.87	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.68	204	187674	20.07	ng/ul	96
61) 4-Nitroaniline	15.70	138	102121	23.26	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.76	198	60266	18.89	ng/ul#	95
65) N-Nitrosodiphenylamine	15.89	169	350069	19.13	ng/ul	96
66) 4-Bromophenyl-phenylether	16.57	248	125696	19.11	ng/ul	98
67) Hexachlorobenzene	16.69	284	139545	20.06	ng/ul	94
68) Atrazine	16.83	200	144221	21.06	ng/ul	99
69) Pentachlorophenol	17.03	266	82116	17.63	ng/ul	98
70) Phenanthrene	17.43	178	672919	20.39	ng/ul	98
72) Anthracene	17.51	178	688039	20.46	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	155906	18.53	ng/uL	96
74) Pentachlorobenzene	14.96	250	148160	18.44	ng/uL	91
75) Carbazole	17.78	167	673498	22.84	ng/ul	100
76) Di-n-butylphthalate	18.34	149	796471	20.68	ng/ul	99
77) Fluoranthene	19.43	202	831076	23.58	ng/ul	99
80) Pyrene	19.79	202	844351	19.97	ng/ul	99
81) Butylbenzylphthalate	20.68	149	345521	19.31	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.54	252	277404	21.36	ng/ul	97
83) Benzo(a)anthracene	21.63	228	770313	19.86	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.54	149	492028	19.47	ng/ul	100
85) Chrysene	21.69	228	720847	19.88	ng/ul	99
87) Di-n-octyl phthalate	22.74	149	836074	20.55	ng/ul	100
88) Benzo(b)fluoranthene	23.82	252	775595	19.58	ng/ul	99
89) Benzo(k)fluoranthene	23.90	252	759960	19.93	ng/ul	99
91) Benzo(a)pyrene	24.69	252	752409	19.98	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.48	276	846644	19.43	ng/ul	95
93) Dibenzo(a,h)anthracene	28.55	278	700337m	19.35	ng/ul	
94) Benzo(g,h,i)perylene	29.62	276	715155	19.54	ng/ul	97

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

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