Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG071015\
Data File : BG017822.D
Acq On : 10 Jul 2015 22:04
Operator : TP/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02046

Quant Time: Jul 10 23:45:46 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 10 23:43:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	64687	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	294370	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	172600	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	351243	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	384982	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	357484	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	14980	9.34	ng/uL	0.01
5) Phenol-d5	6.77	99	113812	18.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	79268	21.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	83759	16.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	87527	16.93	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	41054	16.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	38500	15.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	73575	16.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	132482	21.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	250135	19.05	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	325748	20.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	45673	16.32	ng/ul	0.00
57) Fluorene-d10	15.25	176	228805	19.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	33382	15.74	ng/ul	0.00
70) Anthracene-d10	17.10	188	336860	20.51	ng/ul	0.00
78) Pyrene-d10	19.41	212	365084	19.67	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	366280	20.54	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	16562	9.76	ng/uL	96
4) Benzaldehyde	6.74	77	90693	24.21	ng/ul	96
6) Phenol	6.80	94	124244	18.69	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.03	93	102739	21.10	ng/ul	99
10) 2-Chlorophenol	7.16	128	87959	17.76	ng/ul	96
11) 2-Methylphenol	8.04	108	90519	17.92	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.14	45	161251	22.11	ng/ul	97
14) Acetophenone	8.41	105	149913	19.74	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.40	70	93691	19.89	ng/ul	94
16) 4-Methylphenol	8.36	108	98941	17.35	ng/ul	94
17) Hexachloroethane	8.66	117	40237	19.66	ng/ul	96
20) Nitrobenzene	8.79	77	111864	18.94	ng/ul	98
21) Isophorone	9.30	82	245270	20.98	ng/ul	99
23) 2-Nitrophenol	9.49	139	43005	15.90	ng/ul	96
24) 2,4-Dimethylphenol	9.56	107	109303	19.16	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.80	93	134524	21.53	ng/ul	99
27) 2,4-Dichlorophenol	10.03	162	74651	17.38	ng/ul	90
28) Naphthalene	10.42	128	322070	20.87	ng/ul	98
30) 4-Chloroaniline	10.54	127	132551	22.19	ng/ul	97
31) Hexachlorobutadiene	10.71	225	47323	20.41	ng/ul	92
32) Caprolactam	11.29	113	53889	15.72	ng/ul	83
33) 4-Chloro-3-methylphenol	11.67	107	93685	17.01	ng/ul	93
34) 2-Methylnaphthalene	12.05	142	218557	19.61	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	89466	20.07 ng/ul	94
37) Hexachlorocyclopentadiene	12.41	237	43044	16.98 ng/ul	93
38) 2,4,6-Trichlorophenol	12.67	196	51118	16.55 ng/ul	97
39) 2,4,5-Trichlorophenol	12.74	196	55311	16.41 ng/ul	99
40) 1,1'-Biphenyl	13.08	154	272650	20.54 ng/ul	96
41) 2-Chloronaphthalene	13.11	162	207892	20.66 ng/ul	98
42) 2-Nitroaniline	13.33	65	62384	16.87 ng/ul	91
44) Dimethylphthalate	13.72	163	262866	19.50 ng/ul	97
45) 2,6-Dinitrotoluene	13.83	165	41405	14.75 ng/ul#	80
47) Acenaphthylene	13.97	152	360475	20.90 ng/ul	98
48) 3-Nitroaniline	14.16	138	55537	18.09 ng/ul	85
49) Acenaphthene	14.32	153	234555	20.37 ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	20867	14.23 ng/ul	95
52) 4-Nitrophenol	14.48	109	40015	17.71 ng/ul	95
53) Dibenzofuran	14.65	168	314665	20.07 ng/ul	96
54) 2,4-Dinitrotoluene	14.62	165	65748	16.65 ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.88	232	43656	15.38 ng/ul#	91
56) Diethylphthalate	15.09	149	276761	19.14 ng/ul	99
58) Fluorene	15.30	166	277939	19.96 ng/ul	95
59) 4-Chlorophenyl-phenylether	15.30	204	126171	19.69 ng/ul	88
60) 4-Nitroaniline	15.33	138	65131	18.07 ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.39	198	37014	16.43 ng/ul#	97
64) N-Nitrosodiphenylamine	15.52	169	230176	20.96 ng/ul	96
65) 4-Bromophenyl-phenylether	16.20	248	71716	20.42 ng/ul	93
66) Hexachlorobenzene	16.31	284	75315	19.98 ng/ul#	89
67) Atrazine	16.48	200	78011	19.22 ng/ul	96
68) Pentachlorophenol	16.65	266	35483	15.17 ng/ul	96
69) Phenanthrene	17.05	178	415577	21.15 ng/ul	98
71) Anthracene	17.14	178	424120	21.02 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.04	216	90558	21.43 ng/uL	94
73) Pentachlorobenzene	14.57	250	89258	20.49 ng/uL	96
74) Carbazole	17.41	167	396377	22.14 ng/ul	99
75) Di-n-butylphthalate	17.99	149	480259	19.58 ng/ul	99
76) Fluoranthene	19.08	202	454781	22.61 ng/ul	98
79) Pyrene	19.44	202	482223	20.12 ng/ul	98
80) Butylbenzylphthalate	20.36	149	208865	18.54 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.13	252	139373	20.34 ng/ul	99
82) Benzo(a)anthracene	21.19	228	445300	20.47 ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.14	149	284146	18.41 ng/ul	96
84) Chrysene	21.24	228	422888	20.73 ng/ul	97
86) Di-n-octyl phthalate	22.01	149	454958	19.88 ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	419236	20.28 ng/ul	99
88) Benzo(k)fluoranthene	22.81	252	408189	20.74 ng/ul	98
90) Benzo(a)pyrene	23.33	252	410151	20.64 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.68	276	438349	19.61 ng/ul	95
92) Dibenzo(a,h)anthracene	25.69	278	379229	19.78 ng/ul	99
93) Benzo(g,h,i)perylene	26.37	276	367337	19.83 ng/ul	97

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

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