Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
Data File : BG017389.D
Acq On : 2 Jun 2015 4:16
Operator : TP/IZ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02011

Quant Time: Jun 02 05:19:27 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 02 03:15:26 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	23478	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	109551	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	70528	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	145328	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	143914	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	138138	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	4005	8.10	ng/uL	0.00
5) Phenol-d5	6.85	99	40488	20.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	23896	20.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	33964	21.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	33541	19.78	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	17610	20.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	19901	19.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	36757	20.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	45051	22.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	96544	19.20	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	134157	20.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	16866	17.58	ng/ul	0.00
57) Fluorene-d10	15.30	176	97437	20.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	16652	16.37	ng/ul	0.00
70) Anthracene-d10	17.15	188	135339	19.88	ng/ul	0.00
76) Pyrene-d10	19.45	212	145677	20.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	124405	20.17	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	5064	9.03	ng/uL#	5
4) Benzaldehyde	6.78	77	28102	25.95	ng/ul	92
6) Phenol	6.87	94	41853	20.15	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.07	93	32018	20.46	ng/ul	94
10) 2-Chlorophenol	7.21	128	31644	19.82	ng/ul	98
11) 2-Methylphenol	8.11	108	32450	19.40	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.19	45	53213	19.90	ng/ul	96
14) Acetophenone	8.46	105	50981	19.07	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.45	70	30041	19.57	ng/ul	91
16) 4-Methylphenol	8.44	108	37138	20.35	ng/ul	81
17) Hexachloroethane	8.72	117	15310	20.83	ng/ul	90
20) Nitrobenzene	8.85	77	45279	19.93	ng/ul	94
21) Isophorone	9.37	82	80852	19.09	ng/ul	98
23) 2-Nitrophenol	9.56	139	20196	19.85	ng/ul	89
24) 2,4-Dimethylphenol	9.63	107	45404	20.51	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.86	93	42417	19.00	ng/ul	98
27) 2,4-Dichlorophenol	10.10	162	35771	20.84	ng/ul	92
28) Naphthalene	10.49	128	111303	20.03	ng/ul	99
30) 4-Chloroaniline	10.61	127	44667	21.77	ng/ul	95
31) Hexachlorobutadiene	10.77	225	23775	20.74	ng/ul	94
32) Caprolactam	11.36	113	14733	19.23	ng/ul	96
33) 4-Chloro-3-methylphenol	11.76	107	41245	19.94	ng/ul	97
34) 2-Methylnaphthalene	12.11	142	83266	19.88	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.48	216	44063	21.52 ng/ul	93
37) Hexachlorocyclopentadiene	12.46	237	10116	10.04 ng/ul	86
38) 2,4,6-Trichlorophenol	12.74	196	28535	21.05 ng/ul	97
39) 2,4,5-Trichlorophenol	12.82	196	32248	21.81 ng/ul	89
40) 1,1'-Biphenyl	13.13	154	108876	20.60 ng/ul	99
41) 2-Chloronaphthalene	13.17	162	85683	20.24 ng/ul	98
42) 2-Nitroaniline	13.39	65	30507	19.52 ng/ul	94
44) Dimethylphthalate	13.76	163	109030	19.53 ng/ul	98
45) 2,6-Dinitrotoluene	13.89	165	25389	20.54 ng/ul	90
47) Acenaphthylene	14.02	152	140694	20.11 ng/ul	98
48) 3-Nitroaniline	14.22	138	24262	19.32 ng/ul	99
49) Acenaphthene	14.37	153	92386	20.42 ng/ul	98
50) 2,4-Dinitrophenol	14.43	184	9510	15.14 ng/ul#	78
52) 4-Nitrophenol	14.57	109	18399	16.81 ng/ul	94
53) Dibenzofuran	14.70	168	127550	19.88 ng/ul	99
54) 2,4-Dinitrotoluene	14.68	165	33052	18.43 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.95	232	26130	20.20 ng/ul#	88
56) Diethylphthalate	15.14	149	115050	19.35 ng/ul	96
58) Fluorene	15.36	166	109320	19.65 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.35	204	58854	20.03 ng/ul	99
60) 4-Nitroaniline	15.39	138	19077	14.62 ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.44	198	17767	17.15 ng/ul#	97
64) N-Nitrosodiphenylamine	15.57	169	91090	21.26 ng/ul	98
65) 4-Bromophenyl-phenylether	16.25	248	33251	20.33 ng/ul	93
66) Hexachlorobenzene	16.36	284	36171	20.87 ng/ul	99
67) Atrazine	16.53	200	38533	22.64 ng/ul	94
68) Pentachlorophenol	16.71	266	14477	17.10 ng/ul	95
69) Phenanthrene	17.10	178	157831	20.43 ng/ul	97
71) Anthracene	17.19	178	161094	20.24 ng/ul	98
72) Carbazole	17.47	167	136168	19.09 ng/ul	97
73) Di-n-butylphthalate	18.03	149	194673	19.81 ng/ul	99
74) Fluoranthene	19.12	202	180772	19.38 ng/ul	99
77) Pyrene	19.49	202	187000	20.75 ng/ul	97
78) Butylbenzylphthalate	20.39	149	88817	21.95 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.17	252	61254	19.63 ng/ul	99
80) Benzo(a)anthracene	21.23	228	172361	20.15 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.16	149	131897	22.66 ng/ul	95
82) Chrysene	21.28	228	160952	20.31 ng/ul	99
84) Di-n-octyl phthalate	22.04	149	215422	23.13 ng/ul	100
85) Benzo(b)fluoranthene	22.81	252	165353	19.86 ng/ul	99
86) Benzo(k)fluoranthene	22.85	252	165951	21.23 ng/ul	98
88) Benzo(a)pyrene	23.39	252	159802	20.31 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.77	276	180683	20.38 ng/ul	99
90) Dibenzo(a,h)anthracene	25.78	278	150471	19.93 ng/ul	97
91) Benzo(g,h,i)perylene	26.47	276	149172	20.14 ng/ul	97

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

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