Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018378.D
Acq On : 11 Aug 2015 12:57
Operator : UM/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02090

Manual Integrations APPROVED
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8/12/2015 3:52:31 PM

Quant Time: Aug 12 00:55:52 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 00:54:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	104186	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	472981	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.66	164	298019	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	660168	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	597232	20.00	ng/ul	0.00
86) Perylene-d12	24.89	264	609229	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	15756	6.68	ng/uL	0.00
5) Phenol-d5	7.20	99	192895	20.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	113563	19.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	147179	20.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	161517	20.33	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	76532	20.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	80536	21.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	167652	21.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	217637	24.16	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	475367	18.96	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	635701	20.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	90962	20.17	ng/ul	0.00
58) Fluorene-d10	15.65	176	443095	20.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	65556	20.19	ng/ul	0.00
71) Anthracene-d10	17.51	188	660572	20.92	ng/ul	0.00
79) Pyrene-d10	19.79	212	647688	20.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.68	264	663067	20.50	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	18279	7.24	ng/uL#	73
4) Benzaldehyde	7.17	77	121972	21.99	ng/ul	98
6) Phenol	7.22	94	193539	20.07	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.45	93	149715	20.18	ng/ul	93
10) 2-Chlorophenol	7.60	128	153244	20.76	ng/ul	91
11) 2-Methylphenol	8.48	108	152332	20.37	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.57	45	192464	16.16	ng/ul#	93
14) Acetophenone	8.86	105	236484	20.61	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.84	70	124471	18.90	ng/ul	91
16) 4-Methylphenol	8.81	108	166860	20.44	ng/ul	95
17) Hexachloroethane	9.12	117	61249	19.25	ng/ul	90
20) Nitrobenzene	9.24	77	180314	19.38	ng/ul	93
21) Isophorone	9.76	82	341796	19.10	ng/ul	97
23) 2-Nitrophenol	9.95	139	91082	21.84	ng/ul	95
24) 2,4-Dimethylphenol	10.01	107	183455	19.64	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.24	93	216819	19.44	ng/ul	98
27) 2,4-Dichlorophenol	10.49	162	153882	20.61	ng/ul	98
28) Naphthalene	10.89	128	508104	20.32	ng/ul	99
30) 4-Chloroaniline	11.00	127	215726	23.55	ng/ul	97
31) Hexachlorobutadiene	11.18	225	94354	20.01	ng/ul	99
32) Caprolactam	11.75	113	61474m	20.44	ng/ul	
33) 4-Chloro-3-methylphenol	12.12	107	180130	20.82	ng/ul	93
34) 2-Methylnaphthalene	12.50	142	370650	20.47	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.71	142	366175	20.71	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.86	216	195610	20.47	ng/ul	97
38) Hexachlorocyclopentadiene	12.84	237	70287	12.35	ng/ul	96
39) 2,4,6-Trichlorophenol	13.10	196	138443	21.27	ng/ul	100
40) 2,4,5-Trichlorophenol	13.17	196	149219	21.32	ng/ul	96
41) 1,1'-Biphenyl	13.50	154	490212	19.71	ng/ul	99
42) 2-Chloronaphthalene	13.54	162	389839	20.18	ng/ul	97
43) 2-Nitroaniline	13.74	65	122497	19.64	ng/ul	91
45) Dimethylphthalate	14.11	163	480703	19.44	ng/ul	97
46) 2,6-Dinitrotoluene	14.24	165	103376	20.99	ng/ul	92
48) Acenaphthylene	14.39	152	631423	19.94	ng/ul	98
49) 3-Nitroaniline	14.56	138	116508	23.19	ng/ul	89
50) Acenaphthene	14.73	153	443034	19.94	ng/ul	99
51) 2,4-Dinitrophenol	14.76	184	39961	16.63	ng/ul	95
53) 4-Nitrophenol	14.87	109	71039	18.12	ng/ul	95
54) Dibenzofuran	15.06	168	584557	20.14	ng/ul	99
55) 2,4-Dinitrotoluene	15.02	165	144247	20.52	ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	15.29	232	127445	20.90	ng/ul#	98
57) Diethylphthalate	15.48	149	507591	19.32	ng/ul	99
59) Fluorene	15.71	166	498218	19.95	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.70	204	239040	20.23	ng/ul	99
61) 4-Nitroaniline	15.72	138	114537	20.64	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.79	198	66131	19.09	ng/ul#	89
65) N-Nitrosodiphenylamine	15.91	169	424351	21.37	ng/ul	98
66) 4-Bromophenyl-phenylether	16.60	248	148359	20.78	ng/ul	96
67) Hexachlorobenzene	16.72	284	162552	21.53	ng/ul	96
68) Atrazine	16.86	200	160359	21.57	ng/ul	95
69) Pentachlorophenol	17.06	266	104033	20.57	ng/ul	97
70) Phenanthrene	17.45	178	729041	20.35	ng/ul	99
72) Anthracene	17.54	178	741747	20.32	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.47	216	203035	22.23	ng/uL	99
74) Pentachlorobenzene	14.98	250	196488	22.53	ng/uL	95
75) Carbazole	17.81	167	686542	21.45	ng/ul	100
76) Di-n-butylphthalate	18.37	149	844457	20.20	ng/ul	98
77) Fluoranthene	19.45	202	797132	20.84	ng/ul	99
80) Pyrene	19.82	202	815309	20.19	ng/ul	99
81) Butylbenzylphthalate	20.70	149	371393	21.74	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.56	252	265390	21.40	ng/ul	99
83) Benzo(a)anthracene	21.65	228	761406	20.56	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	526269	21.81	ng/ul	100
85) Chrysene	21.72	228	715205	20.66	ng/ul	98
87) Di-n-octyl phthalate	22.78	149	901741	22.94	ng/ul	100
88) Benzo(b)fluoranthene	23.87	252	754432	19.71	ng/ul	99
89) Benzo(k)fluoranthene	23.94	252	764791	20.75	ng/ul	99
91) Benzo(a)pyrene	24.74	252	742711	20.41	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.57	276	842175	20.00	ng/ul	98
93) Dibenzo(a,h)anthracene	28.64	278	704963	20.15	ng/ul	96
94) Benzo(g,h,i)perylene	29.71	276	650956	18.41	ng/ul	97

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

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