Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081015\
Data File : BG018359.D
Acq On : 10 Aug 2015 18:23
Operator : UM/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02088

Manual Integrations APPROVED
apatel
8/11/2015 9:13:03 AM

Quant Time: Aug 11 01:38:56 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 11 01:22:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	88714	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	397150	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.66	164	254021	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.40	188	637916	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	619811	20.00	ng/ul	0.00
86) Perylene-d12	24.87	264	616878	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	15650	7.79	ng/uL	0.00
5) Phenol-d5	7.19	99	168600	20.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	99988	20.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	123515	20.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	142944	21.13	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	63647	20.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.91	143	65933	20.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	142476	21.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	187808	24.83	ng/ul	0.00
44) Dimethylphthalate-d6	14.06	166	453773	21.23	ng/ul	0.00
47) Acenaphthylene-d8	14.35	160	559064	20.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	84806	22.06	ng/ul	0.00
58) Fluorene-d10	15.65	176	395142	21.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	67427	21.49	ng/ul	0.00
71) Anthracene-d10	17.50	188	635534	20.83	ng/ul	0.00
79) Pyrene-d10	19.78	212	684979	21.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.66	264	686760	20.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	16559	7.70	ng/uL#	86
4) Benzaldehyde	7.16	77	110455	23.38	ng/ul	97
6) Phenol	7.21	94	168100	20.47	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.45	93	132023	20.90	ng/ul	97
10) 2-Chlorophenol	7.59	128	126272	20.09	ng/ul	96
11) 2-Methylphenol	8.47	108	136680	21.46	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.57	45	212233	20.93	ng/ul	100
14) Acetophenone	8.85	105	212422	21.74	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.83	70	118449	21.12	ng/ul	98
16) 4-Methylphenol	8.80	108	142646	20.53	ng/ul	96
17) Hexachloroethane	9.12	117	49890	18.42	ng/ul	93
20) Nitrobenzene	9.23	77	158999	20.35	ng/ul	95
21) Isophorone	9.76	82	321300	21.38	ng/ul	98
23) 2-Nitrophenol	9.94	139	73346	20.95	ng/ul	93
24) 2,4-Dimethylphenol	10.00	107	164495	20.97	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.24	93	196299	20.96	ng/ul	95
27) 2,4-Dichlorophenol	10.48	162	132616	21.15	ng/ul	96
28) Naphthalene	10.89	128	428586	20.41	ng/ul	97
30) 4-Chloroaniline	10.99	127	188321	24.48	ng/ul	100
31) Hexachlorobutadiene	11.18	225	81604	20.61	ng/ul#	93
32) Caprolactam	11.74	113	57528m	22.78	ng/ul	
33) 4-Chloro-3-methylphenol	12.11	107	159922	22.02	ng/ul	99
34) 2-Methylnaphthalene	12.49	142	319884	21.04	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.71	142	314965	21.22 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.86	216	169132	20.77 ng/ul	98
38) Hexachlorocyclopentadiene	12.84	237	100386	20.70 ng/ul	90
39) 2,4,6-Trichlorophenol	13.09	196	116451	20.99 ng/ul	96
40) 2,4,5-Trichlorophenol	13.16	196	126207	21.16 ng/ul	98
41) 1,1'-Biphenyl	13.49	154	434754	20.51 ng/ul	97
42) 2-Chloronaphthalene	13.53	162	327770	19.90 ng/ul	98
43) 2-Nitroaniline	13.73	65	112090	21.08 ng/ul	95
45) Dimethylphthalate	14.11	163	454968	21.58 ng/ul	99
46) 2,6-Dinitrotoluene	14.23	165	88321	21.04 ng/ul	95
48) Acenaphthylene	14.38	152	563963	20.89 ng/ul	98
49) 3-Nitroaniline	14.55	138	99451	23.22 ng/ul	96
50) Acenaphthene	14.72	153	387314	20.45 ng/ul	99
51) 2,4-Dinitrophenol	14.76	184	42256	20.64 ng/ul	93
53) 4-Nitrophenol	14.86	109	73648	22.04 ng/ul	97
54) Dibenzofuran	15.06	168	519511	21.00 ng/ul	96
55) 2,4-Dinitrotoluene	15.01	165	132924	22.18 ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.28	232	115037	22.13 ng/ul#	91
57) Diethylphthalate	15.47	149	482224	21.53 ng/ul	99
59) Fluorene	15.70	166	444619	20.89 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.70	204	214418	21.28 ng/ul	98
61) 4-Nitroaniline	15.71	138	104975	22.19 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.77	198	71186	21.27 ng/ul	98
65) N-Nitrosodiphenylamine	15.91	169	394051	20.53 ng/ul	94
66) 4-Bromophenyl-phenylether	16.59	248	139824	20.27 ng/ul	97
67) Hexachlorobenzene	16.71	284	151283	20.73 ng/ul	96
68) Atrazine	16.85	200	163528	22.76 ng/ul	98
69) Pentachlorophenol	17.05	266	104330	21.35 ng/ul	96
70) Phenanthrene	17.44	178	714789	20.65 ng/ul	98
72) Anthracene	17.54	178	732476	20.77 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.46	216	173206	19.62 ng/uL	96
74) Pentachlorobenzene	14.97	250	170113	20.18 ng/uL	96
75) Carbazole	17.79	167	710405	22.97 ng/ul	99
76) Di-n-butylphthalate	18.36	149	866563	21.45 ng/ul	99
77) Fluoranthene	19.44	202	857103	23.19 ng/ul	99
80) Pyrene	19.81	202	870532	20.77 ng/ul	99
81) Butylbenzylphthalate	20.70	149	371717	20.97 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.55	252	293225	22.78 ng/ul	99
83) Benzo(a)anthracene	21.64	228	787681	20.50 ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.56	149	525522	20.98 ng/ul	98
85) Chrysene	21.71	228	733723	20.42 ng/ul	98
87) Di-n-octyl phthalate	22.78	149	909154	22.84 ng/ul	100
88) Benzo(b)fluoranthene	23.85	252	799827	20.64 ng/ul	100
89) Benzo(k)fluoranthene	23.92	252	764181	20.48 ng/ul	97
91) Benzo(a)pyrene	24.72	252	766511	20.80 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.53	276	892810m	20.94 ng/ul	
93) Dibenzo(a,h)anthracene	28.60	278	742942	20.97 ng/ul	98
94) Benzo(g,h,i)perylene	29.68	276	740396	20.68 ng/ul	97

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

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