Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018073.D
Acq On : 23 Jul 2015 20:18
Operator : TP/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02031

Manual Integrations APPROVED
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7/24/2015 4:50:36 PM

Quant Time: Jul 24 01:29:57 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 23 16:20:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	44235	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	224138	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	149378	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	341900	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	357068	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	345830	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	5631	7.96	ng/uL	0.00
5) Phenol-d5	6.69	99	62676	18.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	32839	19.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	57112	18.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	57750	19.08	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	32708	18.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	32708	17.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	59630	18.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.44	131	69041	18.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	199729	19.05	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	244684	18.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	39354	17.84	ng/ul	0.00
58) Fluorene-d10	15.18	176	183706	18.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	36923	16.89	ng/ul	0.00
71) Anthracene-d10	17.03	188	283984	19.18	ng/ul	0.00
79) Pyrene-d10	19.34	212	312506	19.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	309837	18.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	6214	8.18	ng/uL	96
4) Benzaldehyde	6.66	77	34954	19.92	ng/ul	99
6) Phenol	6.72	94	66548	19.10	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.95	93	51147	19.68	ng/ul	97
10) 2-Chlorophenol	7.08	128	56807	18.97	ng/ul	98
11) 2-Methylphenol	7.96	108	54758	19.03	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.05	45	53796	19.56	ng/ul	99
14) Acetophenone	8.33	105	84172	19.73	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.32	70	44430	19.61	ng/ul	99
16) 4-Methylphenol	8.29	108	60164	18.89	ng/ul	97
17) Hexachloroethane	8.58	117	22591	19.58	ng/ul	100
20) Nitrobenzene	8.71	77	61705	18.93	ng/ul	98
21) Isophorone	9.23	82	127047	18.69	ng/ul	99
23) 2-Nitrophenol	9.41	139	37041	18.39	ng/ul	97
24) 2,4-Dimethylphenol	9.49	107	66548	18.79	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.72	93	72608	18.99	ng/ul	100
27) 2,4-Dichlorophenol	9.94	162	59316	18.83	ng/ul	95
28) Naphthalene	10.34	128	199757	19.02	ng/ul	98
30) 4-Chloroaniline	10.46	127	72860	18.67	ng/ul	100
31) Hexachlorobutadiene	10.63	225	33102	17.93	ng/ul	96
32) Caprolactam	11.21	113	27972m	18.63	ng/ul	
33) 4-Chloro-3-methylphenol	11.60	107	63671	18.53	ng/ul	99
34) 2-Methylnaphthalene	11.97	142	151637	19.12	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.19	142	147579	19.07	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.35	216	72454	18.87	ng/ul	98
38) Hexachlorocyclopentadiene	12.33	237	37525	16.68	ng/ul	95
39) 2,4,6-Trichlorophenol	12.60	196	45969	17.84	ng/ul	96
40) 2,4,5-Trichlorophenol	12.66	196	51314	18.31	ng/ul	95
41) 1,1'-Biphenyl	13.00	154	196706	19.23	ng/ul	99
42) 2-Chloronaphthalene	13.04	162	154030	19.12	ng/ul	98
43) 2-Nitroaniline	13.26	65	38613	18.25	ng/ul	98
45) Dimethylphthalate	13.65	163	200620	19.01	ng/ul	99
46) 2,6-Dinitrotoluene	13.77	165	45212	18.68	ng/ul	94
48) Acenaphthylene	13.90	152	261720	19.34	ng/ul	99
49) 3-Nitroaniline	14.09	138	39758	18.32	ng/ul	98
50) Acenaphthene	14.24	153	169046	19.08	ng/ul	98
51) 2,4-Dinitrophenol	14.30	184	17624	14.02	ng/ul#	90
53) 4-Nitrophenol	14.41	109	26839	18.49	ng/ul	99
54) Dibenzofuran	14.58	168	243813	19.37	ng/ul	100
55) 2,4-Dinitrotoluene	14.56	165	64610	18.58	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.81	232	43079	17.23	ng/ul	89
57) Diethylphthalate	15.03	149	209364	18.99	ng/ul	100
59) Fluorene	15.24	166	208276	19.22	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.24	204	101148	18.63	ng/ul	97
61) 4-Nitroaniline	15.26	138	50346	18.74	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.33	198	39097	16.99	ng/ul	97
65) N-Nitrosodiphenylamine	15.45	169	179347	19.25	ng/ul	97
66) 4-Bromophenyl-phenylether	16.13	248	63275	18.82	ng/ul	95
67) Hexachlorobenzene	16.24	284	70280	18.66	ng/ul	95
68) Atrazine	16.41	200	67048	18.61	ng/ul	99
69) Pentachlorophenol	16.59	266	31791	15.55	ng/ul	95
70) Phenanthrene	16.98	178	332077	19.33	ng/ul	99
72) Anthracene	17.06	178	341234	19.56	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.96	216	72969	18.97	ng/uL	99
74) Pentachlorobenzene	14.50	250	76043	18.80	ng/uL	98
75) Carbazole	17.34	167	305836	20.24	ng/ul	99
76) Di-n-butylphthalate	17.92	149	384922	19.35	ng/ul	99
77) Fluoranthene	19.00	202	380634	20.80	ng/ul	99
80) Pyrene	19.37	202	398209	19.47	ng/ul	98
81) Butylbenzylphthalate	20.29	149	157438	18.82	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.07	252	97866	17.28	ng/ul	99
83) Benzo(a)anthracene	21.12	228	358580	18.99	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.07	149	227706	18.99	ng/ul	99
85) Chrysene	21.17	228	340101	19.13	ng/ul	97
87) Di-n-octyl phthalate	21.94	149	376024	20.29	ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	353581	18.66	ng/ul	97
89) Benzo(k)fluoranthene	22.71	252	350901	19.14	ng/ul	98
91) Benzo(a)pyrene	23.23	252	347033	18.91	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.53	276	393033	18.56	ng/ul	98
93) Dibenzo(a,h)anthracene	25.54	278	335746	18.57	ng/ul	99
94) Benzo(g,h,i)perylene	26.20	276	322747	18.45	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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