Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110315\
Data File : BG019470.D
Acq On : 4 Nov 2015 2:29
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02031

Manual Integrations APPROVED
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11/4/2015 5:27:16 PM

Quant Time: Nov 04 03:06:53 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 04 02:23:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	42412	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	175841	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	135922	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	360358	20.00	ng/ul	0.00
78) Chrysene-d12	21.84	240	455014	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	435780	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	6846m	7.73	ng/uL	0.00
5) Phenol-d5	7.33	99	82420	21.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	53377	21.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	50721	20.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	64712	20.87	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	26134	20.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	31020	20.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	66061	19.85	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	75100	22.31	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	221497	19.76	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	251586	20.27	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	35547	19.97	ng/ul	0.00
58) Fluorene-d10	15.80	176	203790	19.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	46713	20.03	ng/ul	0.00
71) Anthracene-d10	17.65	188	331502	20.18	ng/ul	0.00
79) Pyrene-d10	19.93	212	384784	19.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.96	264	429718	19.65	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	8462	8.39	ng/uL#	84
4) Benzaldehyde	7.31	77	60342	23.83	ng/ul	95
6) Phenol	7.36	94	87518	21.10	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.59	93	60488	21.23	ng/ul	93
10) 2-Chlorophenol	7.75	128	51140	20.44	ng/ul	95
11) 2-Methylphenol	8.62	108	64185	20.92	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.72	45	51119	22.38	ng/ul	94
14) Acetophenone	9.01	105	107975	20.74	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.99	70	67379	19.75	ng/ul#	90
16) 4-Methylphenol	8.95	108	70976	21.19	ng/ul	98
17) Hexachloroethane	9.28	117	24613	18.83	ng/ul	96
20) Nitrobenzene	9.40	77	102010	20.19	ng/ul	96
21) Isophorone	9.92	82	185418	20.26	ng/ul	97
23) 2-Nitrophenol	10.11	139	33738	19.36	ng/ul#	84
24) 2,4-Dimethylphenol	10.17	107	88341	19.41	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.40	93	88961	20.53	ng/ul	95
27) 2,4-Dichlorophenol	10.65	162	65126	20.48	ng/ul#	94
28) Naphthalene	11.06	128	174731	19.86	ng/ul#	94
30) 4-Chloroaniline	11.17	127	77060	21.83	ng/ul	95
31) Hexachlorobutadiene	11.34	225	63250	19.46	ng/ul	91
32) Caprolactam	11.91	113	22610m	19.84	ng/ul	
33) 4-Chloro-3-methylphenol	12.28	107	87849	20.58	ng/ul#	97
34) 2-Methylnaphthalene	12.65	142	139008	19.66	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.87	142	137672	20.58	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	13.02	216	111397	19.88	ng/ul#	97
38) Hexachlorocyclopentadiene	12.99	237	66629	16.03	ng/ul	98
39) 2,4,6-Trichlorophenol	13.25	196	68671	20.74	ng/ul	93
40) 2,4,5-Trichlorophenol	13.33	196	74792	20.58	ng/ul	99
41) 1,1'-Biphenyl	13.65	154	197636	20.57	ng/ul#	96
42) 2-Chloronaphthalene	13.69	162	153722	20.51	ng/ul	95
43) 2-Nitroaniline	13.89	65	67993	21.21	ng/ul	92
45) Dimethylphthalate	14.26	163	221568	19.33	ng/ul#	97
46) 2,6-Dinitrotoluene	14.38	165	45223	19.49	ng/ul	95
48) Acenaphthylene	14.54	152	251550	19.78	ng/ul	97
49) 3-Nitroaniline	14.71	138	42399	21.23	ng/ul	86
50) Acenaphthene	14.87	153	171987	20.03	ng/ul	96
51) 2,4-Dinitrophenol	14.91	184	30812	17.66	ng/ul	84
53) 4-Nitrophenol	15.01	109	51559	18.57	ng/ul#	75
54) Dibenzofuran	15.21	168	249532	19.73	ng/ul	98
55) 2,4-Dinitrotoluene	15.16	165	69860	19.07	ng/ul#	84
56) 2,3,4,6-Tetrachlorophenol	15.43	232	74489	19.60	ng/ul#	98
57) Diethylphthalate	15.61	149	218076	19.27	ng/ul	98
59) Fluorene	15.85	166	215505	19.54	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.84	204	124554	19.00	ng/ul	96
61) 4-Nitroaniline	15.87	138	44323	19.32	ng/ul	87
64) 4,6-Dinitro-2-methylphenol	15.92	198	48385	19.18	ng/ul#	98
65) N-Nitrosodiphenylamine	16.05	169	190506	20.44	ng/ul	96
66) 4-Bromophenyl-phenylether	16.74	248	85644	20.00	ng/ul	95
67) Hexachlorobenzene	16.86	284	92226	20.29	ng/ul	94
68) Atrazine	16.99	200	93795	20.30	ng/ul	98
69) Pentachlorophenol	17.19	266	53316	19.87	ng/ul	97
70) Phenanthrene	17.59	178	363467	19.98	ng/ul	97
72) Anthracene	17.69	178	372616	20.10	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.62	216	113175	21.68	ng/uL	99
74) Pentachlorobenzene	15.13	250	108435	20.60	ng/uL	94
75) Carbazole	17.95	167	308580	20.86	ng/ul	96
76) Di-n-butylphthalate	18.49	149	367796	20.06	ng/ul	98
77) Fluoranthene	19.59	202	483036	20.52	ng/ul#	95
80) Pyrene	19.96	202	497409	19.48	ng/ul#	95
81) Butylbenzylphthalate	20.82	149	170207	20.51	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.72	252	182395	20.46	ng/ul#	93
83) Benzo(a)anthracene	21.81	228	531627	20.06	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.69	149	246064	20.87	ng/ul	98
85) Chrysene	21.88	228	481264	19.36	ng/ul	99
87) Di-n-octyl phthalate	22.95	149	413588	20.96	ng/ul	100
88) Benzo(b)fluoranthene	24.12	252	496609	19.32	ng/ul#	97
89) Benzo(k)fluoranthene	24.19	252	493091	19.93	ng/ul#	99
91) Benzo(a)pyrene	25.03	252	489969	19.84	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	29.03	276	553308	19.89	ng/ul#	98
93) Dibenzo(a,h)anthracene	29.09	278	448225	19.30	ng/ul	96
94) Benzo(g,h,i)perylene	30.23	276	440949	20.89	ng/ul#	91

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

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