Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100415\
Data File : BG019022.D
Acq On : 5 Oct 2015 1:58
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02025

Manual Integrations APPROVED
MMDADODA
10/5/2015 1:26:23 PM

Quant Time: Oct 05 04:51:12 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 05 02:06:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	26673	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	113419	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	73163	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	174795	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	227106	20.00	ng/ul	0.00
86) Perylene-d12	24.89	264	223004	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	4456	7.55	ng/uL	0.00
5) Phenol-d5	7.20	99	45989	20.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	30158	20.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	34490	19.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	35573	19.69	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	17042	19.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	17961	20.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	36053	20.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	46535	21.61	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	112271	19.46	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	134567	18.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	22523	19.33	ng/ul	0.00
58) Fluorene-d10	15.66	176	100350	19.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	19235	20.29	ng/ul	0.00
71) Anthracene-d10	17.51	188	163478	19.86	ng/ul	0.00
79) Pyrene-d10	19.79	212	199164	18.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.68	264	224582	19.68	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	5434	8.37	ng/uL#	85
4) Benzaldehyde	7.18	77	28288	20.77	ng/ul	100
6) Phenol	7.23	94	45950	19.60	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.47	93	34851	19.72	ng/ul	98
10) 2-Chlorophenol	7.61	128	36143	20.16	ng/ul	99
11) 2-Methylphenol	8.48	108	35676	19.74	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.58	45	73404	21.17	ng/ul	98
14) Acetophenone	8.87	105	56931	20.34	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.85	70	30422	20.22	ng/ul	96
16) 4-Methylphenol	8.81	108	39676	19.91	ng/ul	95
17) Hexachloroethane	9.14	117	14106	19.78	ng/ul	93
20) Nitrobenzene	9.25	77	43630	20.44	ng/ul	98
21) Isophorone	9.78	82	84216	20.22	ng/ul	99
23) 2-Nitrophenol	9.96	139	19681	20.77	ng/ul	99
24) 2,4-Dimethylphenol	10.02	107	42337	19.70	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.26	93	48997	19.90	ng/ul	96
27) 2,4-Dichlorophenol	10.49	162	36156	20.03	ng/ul	98
28) Naphthalene	10.90	128	117464	20.00	ng/ul	97
30) 4-Chloroaniline	11.00	127	49095	22.06	ng/ul	99
31) Hexachlorobutadiene	11.19	225	23733	20.63	ng/ul	95
32) Caprolactam	11.77	113	8839m	14.53	ng/ul	
33) 4-Chloro-3-methylphenol	12.12	107	41700	21.06	ng/ul	93
34) 2-Methylnaphthalene	12.50	142	89349	20.31	ng/ul	97

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35) 1-Methylnaphthalene	12.72	142	86158	19.96	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	45621	19.20	ng/ul	93
38) Hexachlorocyclopentadiene	12.85	237	28174	18.45	ng/ul	95
39) 2,4,6-Trichlorophenol	13.10	196	28742	18.61	ng/ul	96
40) 2,4,5-Trichlorophenol	13.17	196	31754	19.15	ng/ul	96
41) 1,1'-Biphenyl	13.51	154	114784	19.25	ng/ul	97
42) 2-Chloronaphthalene	13.55	162	88638	19.14	ng/ul	98
43) 2-Nitroaniline	13.74	65	30574	20.33	ng/ul	98
45) Dimethylphthalate	14.12	163	114176	19.38	ng/ul	99
46) 2,6-Dinitrotoluene	14.24	165	22495	19.86	ng/ul	94
48) Acenaphthylene	14.39	152	148990	19.50	ng/ul	99
49) 3-Nitroaniline	14.56	138	22848	20.42	ng/ul	98
50) Acenaphthene	14.73	153	100590	19.41	ng/ul	93
51) 2,4-Dinitrophenol	14.76	184	9561	14.58	ng/ul	90
53) 4-Nitrophenol	14.86	109	18098	20.31	ng/ul	98
54) Dibenzofuran	15.06	168	136304	19.32	ng/ul	97
55) 2,4-Dinitrotoluene	15.02	165	33243	20.07	ng/ul#	99
56) 2,3,4,6-Tetrachlorophenol	15.29	232	28563	18.67	ng/ul	93
57) Diethylphthalate	15.49	149	115587	19.56	ng/ul	99
59) Fluorene	15.72	166	113642	19.12	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.71	204	56315	19.18	ng/ul	96
61) 4-Nitroaniline	15.72	138	24984	19.76	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.78	198	19383	19.36	ng/ul#	95
65) N-Nitrosodiphenylamine	15.92	169	98401	19.35	ng/ul	96
66) 4-Bromophenyl-phenylether	16.60	248	36925	19.36	ng/ul	98
67) Hexachlorobenzene	16.71	284	42756	19.70	ng/ul	96
68) Atrazine	16.87	200	43395	20.57	ng/ul	97
69) Pentachlorophenol	17.06	266	23123	16.98	ng/ul	95
70) Phenanthrene	17.46	178	195055	19.80	ng/ul	99
72) Anthracene	17.54	178	194819	19.63	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.47	216	45359	19.24	ng/uL	96
74) Pentachlorobenzene	14.99	250	44959	19.57	ng/uL	96
75) Carbazole	17.81	167	181483	21.19	ng/ul	98
76) Di-n-butylphthalate	18.38	149	220821	20.17	ng/ul	98
77) Fluoranthene	19.46	202	252066	21.98	ng/ul	99
80) Pyrene	19.82	202	261782	19.15	ng/ul	99
81) Butylbenzylphthalate	20.71	149	102373	19.75	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.57	252	84089	20.00	ng/ul	99
83) Benzo(a)anthracene	21.66	228	259327	19.78	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	149380	19.86	ng/ul	100
85) Chrysene	21.73	228	242859	19.63	ng/ul	99
87) Di-n-octyl phthalate	22.80	149	249953	19.75	ng/ul	100
88) Benzo(b)fluoranthene	23.87	252	256093	19.49	ng/ul	99
89) Benzo(k)fluoranthene	23.94	252	250177	19.55	ng/ul	98
91) Benzo(a)pyrene	24.74	252	244886	19.25	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.56	276	290345	19.91	ng/ul	98
93) Dibenzo(a,h)anthracene	28.63	278	251988	19.99	ng/ul	95
94) Benzo(g,h,i)perylene	29.70	276	239993	19.77	ng/ul	98

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

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