Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG112215\
Data File : BG019809.D
Acq On : 23 Nov 2015 13:23
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02013

Manual Integrations APPROVED
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11/23/2015 7:15:03 PM

Quant Time: Nov 23 18:13:37 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 04:11:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	23564	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	106903	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.75	164	92355	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.50	188	249711	20.00	ng/ul	0.00
78) Chrysene-d12	21.77	240	321641	20.00	ng/ul	0.00
86) Perylene-d12	25.07	264	315556	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	4092	7.42	ng/uL	0.00
5) Phenol-d5	7.26	99	50475	20.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	29152	18.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	31110	20.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	42338	21.18	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	17829	20.31	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	20361	20.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	47553	22.26	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	44424	21.91	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	158238	18.94	ng/ul	0.00
47) Acenaphthylene-d8	14.45	160	177974	19.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.95	143	24100	18.31	ng/ul	0.00
58) Fluorene-d10	15.74	176	152838	20.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.86	200	30449	18.88	ng/ul	0.00
71) Anthracene-d10	17.60	188	245037	20.21	ng/ul	0.00
79) Pyrene-d10	19.87	212	294457	20.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.84	264	336556	20.43	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	4300	6.84	ng/uL#	86
4) Benzaldehyde	7.24	77	34476	19.60	ng/ul#	81
6) Phenol	7.29	94	53510	20.53	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.52	93	35533	19.59	ng/ul	93
10) 2-Chlorophenol	7.67	128	31363	20.73	ng/ul	87
11) 2-Methylphenol	8.55	108	40063	20.88	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.64	45	27772	17.53	ng/ul#	85
14) Acetophenone	8.94	105	67473	20.43	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.92	70	40021	17.94	ng/ul#	93
16) 4-Methylphenol	8.89	108	45762	21.16	ng/ul	94
17) Hexachloroethane	9.21	117	14367	19.99	ng/ul#	91
20) Nitrobenzene	9.32	77	60061	19.00	ng/ul	98
21) Isophorone	9.85	82	116448	19.10	ng/ul	97
23) 2-Nitrophenol	10.05	139	21557	20.16	ng/ul	95
24) 2,4-Dimethylphenol	10.10	107	60141	21.11	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.33	93	56963	18.87	ng/ul	96
27) 2,4-Dichlorophenol	10.59	162	45341	22.29	ng/ul	97
28) Naphthalene	10.99	128	114346	19.80	ng/ul	97
30) 4-Chloroaniline	11.10	127	46418	22.01	ng/ul	99
31) Hexachlorobutadiene	11.27	225	40829	22.30	ng/ul	96
32) Caprolactam	11.86	113	16479m	19.91	ng/ul	
33) 4-Chloro-3-methylphenol	12.21	107	61586	21.72	ng/ul	99
34) 2-Methylnaphthalene	12.59	142	94693	20.56	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.81	142	92594	20.18	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.95	216	78463	21.19	ng/ul	96
38) Hexachlorocyclopentadiene	12.93	237	26150	12.13	ng/ul	93
39) 2,4,6-Trichlorophenol	13.19	196	49375	21.87	ng/ul	98
40) 2,4,5-Trichlorophenol	13.27	196	55609	23.54	ng/ul	96
41) 1,1'-Biphenyl	13.59	154	139227	20.27	ng/ul	97
42) 2-Chloronaphthalene	13.64	162	110114	20.62	ng/ul	97
43) 2-Nitroaniline	13.84	65	42398	18.79	ng/ul	94
45) Dimethylphthalate	14.19	163	162540	19.63	ng/ul	99
46) 2,6-Dinitrotoluene	14.32	165	33956	20.49	ng/ul	96
48) Acenaphthylene	14.48	152	182181	20.16	ng/ul	98
49) 3-Nitroaniline	14.65	138	27051	19.59	ng/ul	91
50) Acenaphthene	14.82	153	122594	19.82	ng/ul	96
51) 2,4-Dinitrophenol	14.86	184	16563	15.21	ng/ul	99
53) 4-Nitrophenol	14.96	109	28639	17.85	ng/ul	99
54) Dibenzofuran	15.15	168	187529	20.68	ng/ul	91
55) 2,4-Dinitrotoluene	15.11	165	52559	20.40	ng/ul#	84
56) 2,3,4,6-Tetrachlorophenol	15.38	232	55410	22.12	ng/ul	95
57) Diethylphthalate	15.55	149	157331	19.01	ng/ul	99
59) Fluorene	15.80	166	155912	19.66	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.78	204	94868	20.57	ng/ul	96
61) 4-Nitroaniline	15.82	138	32558	19.59	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.88	198	32574	19.01	ng/ul#	97
65) N-Nitrosodiphenylamine	15.99	169	142073	21.12	ng/ul	94
66) 4-Bromophenyl-phenylether	16.67	248	66905	22.28	ng/ul	97
67) Hexachlorobenzene	16.80	284	71204	22.49	ng/ul	96
68) Atrazine	16.94	200	66178	21.09	ng/ul	96
69) Pentachlorophenol	17.14	266	37451	21.13	ng/ul	98
70) Phenanthrene	17.54	178	267524	20.02	ng/ul	99
72) Anthracene	17.63	178	273556	20.30	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.56	216	80507	23.35	ng/uL	96
74) Pentachlorobenzene	15.07	250	84806	23.58	ng/uL	97
75) Carbazole	17.90	167	218990	20.24	ng/ul	98
76) Di-n-butylphthalate	18.44	149	261404	18.62	ng/ul	99
77) Fluoranthene	19.54	202	355315	20.86	ng/ul	99
80) Pyrene	19.90	202	369292	19.66	ng/ul	97
81) Butylbenzylphthalate	20.76	149	122834	19.87	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.66	252	122159	20.76	ng/ul	95
83) Benzo(a)anthracene	21.74	228	397587	20.39	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	180884	19.96	ng/ul#	99
85) Chrysene	21.82	228	370624	20.19	ng/ul	98
87) Di-n-octyl phthalate	22.86	149	310065	20.24	ng/ul	100
88) Benzo(b)fluoranthene	24.01	252	392855	20.20	ng/ul	99
89) Benzo(k)fluoranthene	24.08	252	373215	19.90	ng/ul	96
91) Benzo(a)pyrene	24.91	252	374541	20.01	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	28.85	276	429631	20.51	ng/ul#	96
93) Dibenzo(a,h)anthracene	28.91	278	351676	20.42	ng/ul	95
94) Benzo(g,h,i)perylene	30.04	276	353540	20.34	ng/ul	98

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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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