Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
Data File : BG019233.D
Acq On : 16 Oct 2015 21:21
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02013

Manual Integrations APPROVED
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10/19/2015 6:29:29 PM

Quant Time: Oct 17 07:27:33 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 17 06:30:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	16053	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	73299	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	53379	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	138868	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	175627	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	168540	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	2280	7.91	ng/uL	0.00
5) Phenol-d5	7.17	99	27684	19.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	17200	19.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	20902	20.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	23293	19.62	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	11298	20.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	12740	21.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	24392	20.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	32483	21.25	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	90540	19.39	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	99186	19.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	17598	20.97	ng/ul	0.00
58) Fluorene-d10	15.63	176	77406	19.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	17067m	19.92	ng/ul	0.00
71) Anthracene-d10	17.48	188	130045	19.82	ng/ul	0.00
79) Pyrene-d10	19.77	212	155499	19.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.63	264	169460	19.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	2546	7.50	ng/uL	92
4) Benzaldehyde	7.14	77	18694	22.96	ng/ul	81
6) Phenol	7.20	94	28424	19.48	ng/ul#	77
8) Bis(2-Chloroethyl)ether	7.42	93	20114	19.44	ng/ul	98
10) 2-Chlorophenol	7.57	128	21423	20.43	ng/ul	98
11) 2-Methylphenol	8.45	108	22316	19.49	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.54	45	38936	16.88	ng/ul#	93
14) Acetophenone	8.83	105	38264	19.10	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.81	70	20304	19.83	ng/ul	98
16) 4-Methylphenol	8.77	108	26086	20.30	ng/ul	99
17) Hexachloroethane	9.09	117	8863	19.64	ng/ul	97
20) Nitrobenzene	9.21	77	31424	20.30	ng/ul#	95
21) Isophorone	9.73	82	59958	19.88	ng/ul#	98
23) 2-Nitrophenol	9.92	139	13224	20.76	ng/ul#	82
24) 2,4-Dimethylphenol	9.98	107	31846	20.64	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.21	93	29598	19.00	ng/ul#	93
27) 2,4-Dichlorophenol	10.46	162	25645	21.39	ng/ul	97
28) Naphthalene	10.86	128	74459	19.43	ng/ul	98
30) 4-Chloroaniline	10.97	127	34278	21.76	ng/ul	95
31) Hexachlorobutadiene	11.15	225	17186	19.63	ng/ul	96
32) Caprolactam	11.72	113	8747m	19.71	ng/ul	
33) 4-Chloro-3-methylphenol	12.09	107	31330	20.75	ng/ul	93
34) 2-Methylnaphthalene	12.47	142	59576	19.62	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.69	142	58596	19.70	ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	12.83	216	34422	20.12	ng/ul#	96
38) Hexachlorocyclopentadiene	12.81	237	18002	17.69	ng/ul	93
39) 2,4,6-Trichlorophenol	13.07	196	21996	20.67	ng/ul	98
40) 2,4,5-Trichlorophenol	13.14	196	24858	21.24	ng/ul	95
41) 1,1'-Biphenyl	13.47	154	82228	19.73	ng/ul	96
42) 2-Chloronaphthalene	13.51	162	63124	19.59	ng/ul	94
43) 2-Nitroaniline	13.71	65	25405	20.15	ng/ul	96
45) Dimethylphthalate	14.09	163	92488	19.66	ng/ul	99
46) 2,6-Dinitrotoluene	14.21	165	18797	20.96	ng/ul#	87
48) Acenaphthylene	14.36	152	110431	19.84	ng/ul	100
49) 3-Nitroaniline	14.54	138	18186	21.16	ng/ul	82
50) Acenaphthene	14.70	153	74453	19.98	ng/ul	98
51) 2,4-Dinitrophenol	14.74	184	9760	19.01	ng/ul	92
53) 4-Nitrophenol	14.85	109	20126	21.94	ng/ul#	74
54) Dibenzofuran	15.04	168	103988	19.74	ng/ul#	87
55) 2,4-Dinitrotoluene	14.99	165	29587	20.33	ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	15.26	232	22997	20.44	ng/ul	95
57) Diethylphthalate	15.45	149	92365	18.92	ng/ul	96
59) Fluorene	15.69	166	87160	19.34	ng/ul	94
60) 4-Chlorophenyl-phenylether	15.68	204	44974	19.35	ng/ul#	88
61) 4-Nitroaniline	15.70	138	20983	20.61	ng/ul#	71
64) 4,6-Dinitro-2-methylphenol	15.76	198	17326	20.02	ng/ul#	90
65) N-Nitrosodiphenylamine	15.89	169	77253	20.24	ng/ul	93
66) 4-Bromophenyl-phenylether	16.57	248	30962	19.72	ng/ul	94
67) Hexachlorobenzene	16.69	284	35513	19.52	ng/ul	98
68) Atrazine	16.84	200	36916	20.12	ng/ul	98
69) Pentachlorophenol	17.03	266	18963	20.28	ng/ul	92
70) Phenanthrene	17.43	178	150901	19.46	ng/ul	99
72) Anthracene	17.52	178	153668	19.51	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	34788	20.55	ng/uL	96
74) Pentachlorobenzene	14.95	250	36694	19.80	ng/uL	95
75) Carbazole	17.79	167	139107	20.48	ng/ul	98
76) Di-n-butylphthalate	18.34	149	169478	18.95	ng/ul#	98
77) Fluoranthene	19.43	202	198358	20.44	ng/ul#	92
80) Pyrene	19.79	202	205067	19.67	ng/ul#	93
81) Butylbenzylphthalate	20.68	149	77877	20.54	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.55	252	62665	19.53	ng/ul	99
83) Benzo(a)anthracene	21.63	228	196424	19.80	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.54	149	108336	20.68	ng/ul	94
85) Chrysene	21.69	228	180390	19.23	ng/ul	99
87) Di-n-octyl phthalate	22.74	149	183836	20.50	ng/ul	100
88) Benzo(b)fluoranthene	23.84	252	191832	20.07	ng/ul#	95
89) Benzo(k)fluoranthene	23.90	252	188121	20.06	ng/ul#	96
91) Benzo(a)pyrene	24.70	252	184430	20.06	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	28.50	276	212995	19.52	ng/ul#	94
93) Dibenzo(a,h)anthracene	28.56	278	185889	19.54	ng/ul#	94
94) Benzo(g,h,i)perylene	29.64	276	165734	18.46	ng/ul#	93

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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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