Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
Data File : BG019241.D
Acq On : 19 Oct 2015 11:58
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02015

Manual Integrations APPROVED
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10/20/2015 6:27:21 PM

Quant Time: Oct 20 04:01:39 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 00:27:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	15389	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	72909	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	53487	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	138852	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	161059	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	161528	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	1917	6.94	ng/uL	0.00
5) Phenol-d5	7.18	99	26975	20.09	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.33	67	16704	19.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	20838	21.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	22538	19.81	ng/ul	0.01
19) Nitrobenzene-d5	9.17	128	11226	19.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	12970	21.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	24379	20.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	32828	21.59	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	94700	20.24	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	100510	19.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	18179	21.62	ng/ul	0.02
58) Fluorene-d10	15.63	176	79418	19.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	18607	21.72	ng/ul	0.00
71) Anthracene-d10	17.49	188	129763	19.78	ng/ul	0.00
79) Pyrene-d10	19.77	212	156714	21.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	160102	19.62	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	2349	7.22	ng/uL#	91
4) Benzaldehyde	7.14	77	17518	22.44	ng/ul	97
6) Phenol	7.21	94	27072	19.36	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.43	93	19242	19.40	ng/ul	98
10) 2-Chlorophenol	7.57	128	21241	21.13	ng/ul	97
11) 2-Methylphenol	8.45	108	21369	19.47	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.54	45	38792	17.54	ng/ul	98
14) Acetophenone	8.83	105	38260	19.92	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.81	70	21602	22.01	ng/ul	99
16) 4-Methylphenol	8.78	108	24087	19.56	ng/ul	83
17) Hexachloroethane	9.09	117	8354	19.31	ng/ul	92
20) Nitrobenzene	9.21	77	29462	19.13	ng/ul#	97
21) Isophorone	9.74	82	62841	20.94	ng/ul#	97
23) 2-Nitrophenol	9.92	139	13017	20.54	ng/ul#	76
24) 2,4-Dimethylphenol	9.99	107	31741	20.68	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.22	93	30473	19.66	ng/ul	98
27) 2,4-Dichlorophenol	10.46	162	24119	20.23	ng/ul	96
28) Naphthalene	10.86	128	74272	19.49	ng/ul	99
30) 4-Chloroaniline	10.97	127	34262	21.86	ng/ul	97
31) Hexachlorobutadiene	11.15	225	17607	20.22	ng/ul	91
32) Caprolactam	11.74	113	10544m	23.89	ng/ul	
33) 4-Chloro-3-methylphenol	12.10	107	33260	22.14	ng/ul	91
34) 2-Methylnaphthalene	12.47	142	59973	19.85	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.68	142	59378	20.07	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.83	216	33373	19.47	ng/ul#	96
38) Hexachlorocyclopentadiene	12.81	237	16045	15.74	ng/ul#	86
39) 2,4,6-Trichlorophenol	13.08	196	23161	21.72	ng/ul	97
40) 2,4,5-Trichlorophenol	13.15	196	25532	21.77	ng/ul	95
41) 1,1'-Biphenyl	13.47	154	84514	20.24	ng/ul	96
42) 2-Chloronaphthalene	13.51	162	63308	19.61	ng/ul	96
43) 2-Nitroaniline	13.72	65	27038	21.40	ng/ul	87
45) Dimethylphthalate	14.09	163	95590	20.28	ng/ul	99
46) 2,6-Dinitrotoluene	14.21	165	19169	21.33	ng/ul#	77
48) Acenaphthylene	14.36	152	111139	19.93	ng/ul	97
49) 3-Nitroaniline	14.55	138	18646	21.65	ng/ul#	98
50) Acenaphthene	14.70	153	74539	19.96	ng/ul	96
51) 2,4-Dinitrophenol	14.75	184	12358	24.03	ng/ul#	91
53) 4-Nitrophenol	14.87	109	20586	22.39	ng/ul#	70
54) Dibenzofuran	15.03	168	104635	19.83	ng/ul#	87
55) 2,4-Dinitrotoluene	15.00	165	29789	20.43	ng/ul	88
56) 2,3,4,6-Tetrachlorophenol	15.27	232	25235	22.39	ng/ul#	92
57) Diethylphthalate	15.45	149	99562	20.36	ng/ul	99
59) Fluorene	15.69	166	89856	19.89	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.68	204	44430	19.08	ng/ul#	86
61) 4-Nitroaniline	15.71	138	20816	20.40	ng/ul#	74
64) 4,6-Dinitro-2-methylphenol	15.76	198	18261	21.11	ng/ul#	87
65) N-Nitrosodiphenylamine	15.89	169	78107	20.47	ng/ul	97
66) 4-Bromophenyl-phenylether	16.57	248	30790	19.61	ng/ul#	84
67) Hexachlorobenzene	16.69	284	35559	19.55	ng/ul#	92
68) Atrazine	16.84	200	38987	21.25	ng/ul	98
69) Pentachlorophenol	17.04	266	21473	22.97	ng/ul	92
70) Phenanthrene	17.43	178	152807	19.71	ng/ul	99
72) Anthracene	17.52	178	154939	19.67	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	33566	19.83	ng/uL	99
74) Pentachlorobenzene	14.96	250	37281	20.12	ng/uL	99
75) Carbazole	17.79	167	140574	20.70	ng/ul	98
76) Di-n-butylphthalate	18.34	149	182026	20.36	ng/ul#	98
77) Fluoranthene	19.44	202	194598	20.05	ng/ul#	93
80) Pyrene	19.80	202	199303	20.85	ng/ul#	91
81) Butylbenzylphthalate	20.68	149	78211	22.50	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.55	252	64178	21.82	ng/ul	99
83) Benzo(a)anthracene	21.63	228	182256	20.04	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.54	149	108340	22.55	ng/ul	97
85) Chrysene	21.70	228	166812	19.39	ng/ul	97
87) Di-n-octyl phthalate	22.75	149	190617	22.17	ng/ul	100
88) Benzo(b)fluoranthene	23.84	252	182851	19.96	ng/ul#	97
89) Benzo(k)fluoranthene	23.91	252	171761	19.11	ng/ul#	96
91) Benzo(a)pyrene	24.71	252	172088	19.53	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	28.52	276	204757	19.58	ng/ul#	93
93) Dibenzo(a,h)anthracene	28.58	278	181508	19.91	ng/ul#	95
94) Benzo(g,h,i)perylene	29.66	276	169563	19.71	ng/ul#	90

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

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