Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
Data File : BG019474.D
Acq On : 4 Nov 2015 17:34
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02033

Manual Integrations APPROVED
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11/5/2015 2:20:30 PM

Quant Time: Nov 04 22:20:26 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 04 22:12:54 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	39313	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	160897	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	133896	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	369528	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	471016	20.00	ng/ul	0.00
86) Perylene-d12	25.19	264	448853	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	6792	8.27	ng/uL	0.00
5) Phenol-d5	7.33	99	75718	20.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	48741	21.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	46638	20.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	60599	21.08	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	24497	20.72	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	29229	20.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	62530	20.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	70910	23.02	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	219768	19.91	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	246967	20.20	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	35424	20.20	ng/ul	0.00
58) Fluorene-d10	15.80	176	199593	19.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	46804	19.57	ng/ul	0.00
71) Anthracene-d10	17.65	188	335798m	19.93	ng/ul	0.00
79) Pyrene-d10	19.92	212	400256	19.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	443421	19.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	7755	8.30	ng/uL	88
4) Benzaldehyde	7.31	77	56963	24.27	ng/ul	98
6) Phenol	7.36	94	80443	20.92	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.58	93	55729	21.10	ng/ul	96
10) 2-Chlorophenol	7.74	128	48348	20.85	ng/ul	95
11) 2-Methylphenol	8.62	108	59129	20.80	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.71	45	50802	24.00	ng/ul	93
14) Acetophenone	9.01	105	99816	20.69	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.99	70	66030	20.88	ng/ul#	90
16) 4-Methylphenol	8.95	108	66487	21.41	ng/ul	98
17) Hexachloroethane	9.28	117	23852	19.69	ng/ul	92
20) Nitrobenzene	9.39	77	95785	20.72	ng/ul	96
21) Isophorone	9.92	82	175155	20.91	ng/ul	96
23) 2-Nitrophenol	10.11	139	30453	19.10	ng/ul#	82
24) 2,4-Dimethylphenol	10.16	107	87692	21.06	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.40	93	85511	21.57	ng/ul#	98
27) 2,4-Dichlorophenol	10.65	162	60157	20.67	ng/ul#	88
28) Naphthalene	11.06	128	167739	20.84	ng/ul#	94
30) 4-Chloroaniline	11.16	127	74299	23.01	ng/ul	96
31) Hexachlorobutadiene	11.34	225	59831	20.12	ng/ul	94
32) Caprolactam	11.91	113	23085m	22.13	ng/ul	
33) 4-Chloro-3-methylphenol	12.27	107	85118	21.79	ng/ul#	97
34) 2-Methylnaphthalene	12.65	142	135574	20.96	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.87	142	130467	21.31	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	13.01	216	107382	19.46	ng/ul	98
38) Hexachlorocyclopentadiene	13.00	237	64115	15.66	ng/ul	93
39) 2,4,6-Trichlorophenol	13.25	196	64892	19.89	ng/ul	93
40) 2,4,5-Trichlorophenol	13.32	196	71780	20.05	ng/ul	95
41) 1,1'-Biphenyl	13.65	154	190004	20.07	ng/ul#	97
42) 2-Chloronaphthalene	13.69	162	147557	19.99	ng/ul	95
43) 2-Nitroaniline	13.89	65	66697	21.12	ng/ul	96
45) Dimethylphthalate	14.25	163	217933	19.30	ng/ul#	98
46) 2,6-Dinitrotoluene	14.38	165	45235	19.79	ng/ul	97
48) Acenaphthylene	14.54	152	252418	20.15	ng/ul	98
49) 3-Nitroaniline	14.71	138	42433	21.57	ng/ul	92
50) Acenaphthene	14.88	153	168099	19.87	ng/ul	98
51) 2,4-Dinitrophenol	14.91	184	28673	16.69	ng/ul#	82
53) 4-Nitrophenol	15.01	109	52993	19.38	ng/ul#	76
54) Dibenzofuran	15.20	168	252851	20.30	ng/ul	98
55) 2,4-Dinitrotoluene	15.16	165	69438	19.24	ng/ul#	91
56) 2,3,4,6-Tetrachlorophenol	15.43	232	74701	19.96	ng/ul	94
57) Diethylphthalate	15.61	149	215047	19.29	ng/ul	95
59) Fluorene	15.86	166	210223	19.35	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.84	204	124359	19.26	ng/ul	95
61) 4-Nitroaniline	15.87	138	43866	19.41	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.93	198	49583	19.17	ng/ul#	98
65) N-Nitrosodiphenylamine	16.05	169	195056	20.41	ng/ul	98
66) 4-Bromophenyl-phenylether	16.73	248	85853	19.55	ng/ul	97
67) Hexachlorobenzene	16.86	284	91260	19.58	ng/ul	93
68) Atrazine	16.99	200	92331	19.49	ng/ul	99
69) Pentachlorophenol	17.20	266	52516	19.09	ng/ul	98
70) Phenanthrene	17.60	178	372897	19.99	ng/ul	97
72) Anthracene	17.68	178	376073	19.78	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.62	216	106397	19.87	ng/uL	93
74) Pentachlorobenzene	15.13	250	109689	20.32	ng/uL	98
75) Carbazole	17.95	167	312925	20.63	ng/ul	97
76) Di-n-butylphthalate	18.50	149	372680	19.82	ng/ul	98
77) Fluoranthene	19.59	202	490594	20.32	ng/ul	97
80) Pyrene	19.95	202	505446	19.12	ng/ul#	91
81) Butylbenzylphthalate	20.82	149	175272	20.40	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.72	252	186242	20.18	ng/ul#	94
83) Benzo(a)anthracene	21.81	228	542106	19.76	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.70	149	254893	20.88	ng/ul	96
85) Chrysene	21.89	228	500588	19.45	ng/ul	98
87) Di-n-octyl phthalate	22.95	149	431059	21.21	ng/ul	100
88) Benzo(b)fluoranthene	24.11	252	516746	19.52	ng/ul#	97
89) Benzo(k)fluoranthene	24.19	252	505817	19.85	ng/ul	98
91) Benzo(a)pyrene	25.03	252	499269	19.63	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.02	276	561490	19.60	ng/ul#	96
93) Dibenzo(a,h)anthracene	29.09	278	470735	19.68	ng/ul	97
94) Benzo(g,h,i)perylene	30.23	276	471101	21.66	ng/ul#	92

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

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