Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092815\
Data File : BG018938.D
Acq On : 28 Sep 2015 16:15
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02014

Manual Integrations APPROVED
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9/29/2015 2:40:39 PM

Quant Time: Sep 29 00:56:48 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 28 04:33:51 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	49434	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	218423	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	149474	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.36	188	382036	20.00	ng/ul	0.00
78) Chrysene-d12	21.61	240	432680	20.00	ng/ul	0.00
86) Perylene-d12	24.79	264	446706	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	8126	7.90	ng/uL	-0.01
5) Phenol-d5	7.16	99	81117	19.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.31	67	44905	19.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.52	132	65362	21.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	67759	20.57	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	34764	21.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	37817	22.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.41	165	75138	21.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	97753	23.98	ng/ul	0.00
44) Dimethylphthalate-d6	14.02	166	244608	20.33	ng/ul	0.00
47) Acenaphthylene-d8	14.31	160	289889	20.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	44019	19.07	ng/ul	0.00
58) Fluorene-d10	15.60	176	216874	20.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	37819	20.91	ng/ul	0.01
71) Anthracene-d10	17.45	188	357502	21.26	ng/ul	0.00
79) Pyrene-d10	19.74	212	410804	20.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.57	264	452091	20.80	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	8536m	7.68	ng/uL	
4) Benzaldehyde	7.13	77	50327	21.43	ng/ul	93
6) Phenol	7.18	94	85802	20.43	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.41	93	64460	20.55	ng/ul	93
10) 2-Chlorophenol	7.55	128	65275	20.51	ng/ul	89
11) 2-Methylphenol	8.43	108	67875	21.02	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.52	45	70476	18.93	ng/ul#	93
14) Acetophenone	8.80	105	105937	21.12	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.79	70	49330	19.06	ng/ul#	81
16) 4-Methylphenol	8.76	108	73615	20.74	ng/ul	95
17) Hexachloroethane	9.07	117	25706	20.26	ng/ul#	75
20) Nitrobenzene	9.19	77	71228	18.56	ng/ul	90
21) Isophorone	9.71	82	152557	19.51	ng/ul	98
23) 2-Nitrophenol	9.90	139	39949	21.30	ng/ul#	81
24) 2,4-Dimethylphenol	9.96	107	78426	20.17	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.19	93	91362	19.83	ng/ul	97
27) 2,4-Dichlorophenol	10.44	162	72827	20.77	ng/ul	95
28) Naphthalene	10.84	128	223115	20.07	ng/ul	100
30) 4-Chloroaniline	10.94	127	98995	23.48	ng/ul	98
31) Hexachlorobutadiene	11.12	225	46176	21.34	ng/ul	92
32) Caprolactam	11.71	113	30207m	21.04	ng/ul	
33) 4-Chloro-3-methylphenol	12.08	107	75959	20.32	ng/ul	96
34) 2-Methylnaphthalene	12.45	142	166353	20.26	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.66	142	159702	20.30	ng/ul#	100
37) 1,2,4,5-Tetrachlorobenzene	12.81	216	96025	20.72	ng/ul#	95
38) Hexachlorocyclopentadiene	12.79	237	32684	12.68	ng/ul#	89
39) 2,4,6-Trichlorophenol	13.05	196	65644	21.82	ng/ul	94
40) 2,4,5-Trichlorophenol	13.13	196	69726	21.52	ng/ul	98
41) 1,1'-Biphenyl	13.45	154	224993	19.89	ng/ul	96
42) 2-Chloronaphthalene	13.49	162	176287	20.44	ng/ul	98
43) 2-Nitroaniline	13.69	65	46752	18.29	ng/ul#	68
45) Dimethylphthalate	14.06	163	241842	20.74	ng/ul	99
46) 2,6-Dinitrotoluene	14.19	165	52479	22.37	ng/ul#	80
48) Acenaphthylene	14.34	152	304388	20.07	ng/ul	100
49) 3-Nitroaniline	14.52	138	58152	23.36	ng/ul#	77
50) Acenaphthene	14.68	153	203503	19.92	ng/ul	97
51) 2,4-Dinitrophenol	14.73	184	15086	14.30	ng/ul#	76
53) 4-Nitrophenol	14.84	109	26738m	16.89	ng/ul	
54) Dibenzofuran	15.01	168	286445	19.99	ng/ul	93
55) 2,4-Dinitrotoluene	14.98	165	76695	21.97	ng/ul#	79
56) 2,3,4,6-Tetrachlorophenol	15.24	232	64188	20.51	ng/ul#	83
57) Diethylphthalate	15.43	149	242499	20.01	ng/ul	98
59) Fluorene	15.66	166	240737	19.88	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.65	204	118535	20.54	ng/ul#	89
61) 4-Nitroaniline	15.68	138	66187	23.12	ng/ul	84
64) 4,6-Dinitro-2-methylphenol	15.74	198	38326	20.65	ng/ul#	86
65) N-Nitrosodiphenylamine	15.86	169	206512	20.64	ng/ul	96
66) 4-Bromophenyl-phenylether	16.54	248	78528	20.98	ng/ul#	88
67) Hexachlorobenzene	16.67	284	93223	22.46	ng/ul	92
68) Atrazine	16.81	200	98059	22.25	ng/ul	97
69) Pentachlorophenol	17.01	266	33278	13.75	ng/ul	94
70) Phenanthrene	17.40	178	399770	20.58	ng/ul	97
72) Anthracene	17.49	178	400325	20.55	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.42	216	94157	20.71	ng/uL	97
74) Pentachlorobenzene	14.94	250	97213	21.90	ng/uL	93
75) Carbazole	17.76	167	391097	22.61	ng/ul	99
76) Di-n-butylphthalate	18.31	149	473300	21.66	ng/ul#	98
77) Fluoranthene	19.41	202	514782	23.91	ng/ul	95
80) Pyrene	19.77	202	517031	20.32	ng/ul	97
81) Butylbenzylphthalate	20.65	149	210085	21.52	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.51	252	204589	26.67	ng/ul#	98
83) Benzo(a)anthracene	21.59	228	494369	20.61	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	303593	20.98	ng/ul	98
85) Chrysene	21.66	228	464758	21.00	ng/ul	97
87) Di-n-octyl phthalate	22.68	149	531122	22.47	ng/ul	100
88) Benzo(b)fluoranthene	23.78	252	507922	20.11	ng/ul	99
89) Benzo(k)fluoranthene	23.85	252	502897	20.78	ng/ul	98
91) Benzo(a)pyrene	24.64	252	490786	20.44	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.41	276	585401	21.03	ng/ul	99
93) Dibenzo(a,h)anthracene	28.46	278	484246	21.67	ng/ul	97
94) Benzo(g,h,i)perylene	29.54	276	485689	20.90	ng/ul	99

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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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