Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\
Data File : BG019482.D
Acq On : 4 Nov 2015 22:46
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02001

Manual Integrations APPROVED
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11/5/2015 2:20:38 PM

Quant Time: Nov 05 00:43:59 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 04 22:22:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	39063	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	158129	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	127312	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	362922	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	472529	20.00	ng/ul	0.00
86) Perylene-d12	25.17	264	452117	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	7381	9.05	ng/uL	0.00
5) Phenol-d5	7.32	99	73392	20.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	49068	21.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	44824	20.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	60462	21.17	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	24810	21.35	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	28522	20.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	61065	20.40	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	70460	23.27	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	211465	20.15	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	240234	20.67	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	34897	20.93	ng/ul	0.00
58) Fluorene-d10	15.80	176	195624	20.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	45763	19.48	ng/ul	0.00
71) Anthracene-d10	17.65	188	326484	19.73	ng/ul	0.00
79) Pyrene-d10	19.92	212	403701	19.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	453784	20.00	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	8056	8.67	ng/uL#	81
4) Benzaldehyde	7.31	77	56456	24.21	ng/ul	97
6) Phenol	7.35	94	79867	20.91	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.59	93	56867	21.67	ng/ul	98
10) 2-Chlorophenol	7.74	128	49308	21.40	ng/ul	93
11) 2-Methylphenol	8.62	108	57180	20.24	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.72	45	47977	22.81	ng/ul#	85
14) Acetophenone	9.00	105	99609	20.78	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.99	70	65522	20.85	ng/ul#	90
16) 4-Methylphenol	8.94	108	63516	20.59	ng/ul	97
17) Hexachloroethane	9.27	117	23469	19.50	ng/ul	89
20) Nitrobenzene	9.39	77	95972	21.12	ng/ul	98
21) Isophorone	9.91	82	169825	20.63	ng/ul	99
23) 2-Nitrophenol	10.11	139	30569	19.51	ng/ul#	86
24) 2,4-Dimethylphenol	10.16	107	82315	20.11	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.40	93	85590	21.97	ng/ul#	98
27) 2,4-Dichlorophenol	10.65	162	59654	20.86	ng/ul#	95
28) Naphthalene	11.06	128	161238	20.38	ng/ul#	93
30) 4-Chloroaniline	11.16	127	71881	22.65	ng/ul	95
31) Hexachlorobutadiene	11.34	225	55895	19.12	ng/ul	94
32) Caprolactam	11.91	113	23456	22.88	ng/ul#	78
33) 4-Chloro-3-methylphenol	12.27	107	82173	21.40	ng/ul#	98
34) 2-Methylnaphthalene	12.65	142	127724	20.09	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.87	142	124828	20.75 ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	13.01	216	103878	19.80 ng/ul	96
38) Hexachlorocyclopentadiene	12.99	237	62557	16.07 ng/ul	99
39) 2,4,6-Trichlorophenol	13.25	196	63594	20.50 ng/ul	97
40) 2,4,5-Trichlorophenol	13.32	196	69805	20.51 ng/ul	94
41) 1,1'-Biphenyl	13.65	154	183523	20.39 ng/ul#	95
42) 2-Chloronaphthalene	13.69	162	142645	20.32 ng/ul	97
43) 2-Nitroaniline	13.89	65	65850	21.93 ng/ul	92
45) Dimethylphthalate	14.25	163	205911	19.18 ng/ul	98
46) 2,6-Dinitrotoluene	14.37	165	44420	20.44 ng/ul	99
48) Acenaphthylene	14.53	152	240310	20.18 ng/ul	99
49) 3-Nitroaniline	14.71	138	40682	21.75 ng/ul	86
50) Acenaphthene	14.87	153	163926	20.38 ng/ul	99
51) 2,4-Dinitrophenol	14.91	184	29625	18.13 ng/ul#	84
53) 4-Nitrophenol	15.01	109	51024	19.62 ng/ul#	79
54) Dibenzofuran	15.20	168	235520	19.88 ng/ul	96
55) 2,4-Dinitrotoluene	15.16	165	66233	19.30 ng/ul	86
56) 2,3,4,6-Tetrachlorophenol	15.43	232	71120	19.98 ng/ul#	95
57) Diethylphthalate	15.61	149	211386	19.95 ng/ul	98
59) Fluorene	15.85	166	204723	19.81 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.84	204	119476	19.46 ng/ul	97
61) 4-Nitroaniline	15.87	138	44465	20.69 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.92	198	48167	18.96 ng/ul#	85
65) N-Nitrosodiphenylamine	16.05	169	188140	20.04 ng/ul	97
66) 4-Bromophenyl-phenylether	16.73	248	82502	19.13 ng/ul	92
67) Hexachlorobenzene	16.85	284	86927	18.99 ng/ul#	93
68) Atrazine	16.99	200	93585	20.11 ng/ul	98
69) Pentachlorophenol	17.19	266	50769	18.79 ng/ul	97
70) Phenanthrene	17.59	178	368787m	20.13 ng/ul	
72) Anthracene	17.68	178	366533	19.63 ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.62	216	102319	19.46 ng/uL	92
74) Pentachlorobenzene	15.13	250	102870	19.41 ng/uL	98
75) Carbazole	17.95	167	314379	21.10 ng/ul	95
76) Di-n-butylphthalate	18.49	149	379165	20.53 ng/ul	99
77) Fluoranthene	19.59	202	502096	21.18 ng/ul#	96
80) Pyrene	19.95	202	523631	19.75 ng/ul#	92
81) Butylbenzylphthalate	20.82	149	177525	20.60 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.72	252	194542	21.01 ng/ul	96
83) Benzo(a)anthracene	21.81	228	554018	20.13 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	258255	21.09 ng/ul	99
85) Chrysene	21.88	228	524512	20.32 ng/ul	98
87) Di-n-octyl phthalate	22.95	149	442042	21.59 ng/ul	100
88) Benzo(b)fluoranthene	24.10	252	534165	20.03 ng/ul#	98
89) Benzo(k)fluoranthene	24.18	252	518586	20.21 ng/ul	100
91) Benzo(a)pyrene	25.01	252	506789	19.78 ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.02	276	584782m	20.26 ng/ul	
93) Dibenzo(a,h)anthracene	29.08	278	475914	19.75 ng/ul#	97
94) Benzo(g,h,i)perylene	30.21	276	484883	22.14 ng/ul#	92

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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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