Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110315\
Data File : BG019466.D
Acq On : 3 Nov 2015 23:57
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02030

Manual Integrations APPROVED
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11/4/2015 5:27:09 PM

Quant Time: Nov 04 02:18:02 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 04 00:13:26 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	37783	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	154169	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	126243	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	351292	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	459776	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	436385	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	5939	7.53	ng/uL	0.00
5) Phenol-d5	7.33	99	69569	20.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	48432	22.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	43312	20.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	56491	20.45	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	23744	20.96	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	26922	20.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	61936	21.23	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	69136	23.42	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	204431	19.64	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	228088	19.79	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	34864	21.08	ng/ul	0.00
58) Fluorene-d10	15.80	176	186098	19.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	44967	19.78	ng/ul	0.00
71) Anthracene-d10	17.65	188	323652	20.21	ng/ul	0.00
79) Pyrene-d10	19.92	212	387781	19.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	433239	19.78	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	7358	8.19	ng/uL#	89
4) Benzaldehyde	7.31	77	54253	24.05	ng/ul	97
6) Phenol	7.36	94	72532	19.63	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.59	93	53156	20.94	ng/ul	97
10) 2-Chlorophenol	7.74	128	44441	19.94	ng/ul	99
11) 2-Methylphenol	8.62	108	57552	21.06	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.71	45	46731	22.97	ng/ul	94
14) Acetophenone	9.01	105	94764	20.43	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.98	70	62521	20.57	ng/ul#	92
16) 4-Methylphenol	8.95	108	60054	20.13	ng/ul	86
17) Hexachloroethane	9.28	117	21748	18.68	ng/ul	93
20) Nitrobenzene	9.39	77	91042	20.55	ng/ul	95
21) Isophorone	9.92	82	165115	20.57	ng/ul	96
23) 2-Nitrophenol	10.11	139	29952	19.61	ng/ul#	85
24) 2,4-Dimethylphenol	10.16	107	80867	20.27	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.40	93	81732	21.52	ng/ul	94
27) 2,4-Dichlorophenol	10.65	162	56200	20.16	ng/ul#	89
28) Naphthalene	11.06	128	155300	20.13	ng/ul	96
30) 4-Chloroaniline	11.16	127	70796	22.88	ng/ul	98
31) Hexachlorobutadiene	11.33	225	54908	19.27	ng/ul	92
32) Caprolactam	11.91	113	24403m	24.42	ng/ul	
33) 4-Chloro-3-methylphenol	12.27	107	78605	21.00	ng/ul#	97
34) 2-Methylnaphthalene	12.65	142	124157	20.03	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.87	142	120997	20.63 ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	13.01	216	100574	19.33 ng/ul	98
38) Hexachlorocyclopentadiene	12.99	237	63658	16.49 ng/ul	97
39) 2,4,6-Trichlorophenol	13.25	196	63071	20.50 ng/ul	96
40) 2,4,5-Trichlorophenol	13.32	196	66984m	19.84 ng/ul	
41) 1,1'-Biphenyl	13.65	154	177274	19.86 ng/ul#	96
42) 2-Chloronaphthalene	13.69	162	138417	19.89 ng/ul	96
43) 2-Nitroaniline	13.89	65	64098	21.53 ng/ul	88
45) Dimethylphthalate	14.25	163	209261	19.66 ng/ul	97
46) 2,6-Dinitrotoluene	14.38	165	43707	20.28 ng/ul	87
48) Acenaphthylene	14.54	152	234677	19.87 ng/ul	98
49) 3-Nitroaniline	14.71	138	38065	20.53 ng/ul	87
50) Acenaphthene	14.88	153	158362	19.86 ng/ul	97
51) 2,4-Dinitrophenol	14.91	184	28972	17.88 ng/ul	90
53) 4-Nitrophenol	15.01	109	50229	19.48 ng/ul#	76
54) Dibenzofuran	15.20	168	232707	19.81 ng/ul	98
55) 2,4-Dinitrotoluene	15.16	165	66901	19.66 ng/ul#	93
56) 2,3,4,6-Tetrachlorophenol	15.43	232	72018	20.41 ng/ul#	98
57) Diethylphthalate	15.60	149	206522	19.65 ng/ul	97
59) Fluorene	15.85	166	203197	19.83 ng/ul	96
60) 4-Chlorophenyl-phenylether	15.84	204	117662	19.33 ng/ul	96
61) 4-Nitroaniline	15.87	138	43399	20.36 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.92	198	48485	19.71 ng/ul#	96
65) N-Nitrosodiphenylamine	16.05	169	181168	19.94 ng/ul	92
66) 4-Bromophenyl-phenylether	16.73	248	81865	19.61 ng/ul	97
67) Hexachlorobenzene	16.86	284	89575	20.22 ng/ul	97
68) Atrazine	16.99	200	90528	20.10 ng/ul	99
69) Pentachlorophenol	17.20	266	53467	20.45 ng/ul	95
70) Phenanthrene	17.59	178	359658	20.29 ng/ul	98
72) Anthracene	17.68	178	364095	20.15 ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.62	216	101569	19.96 ng/uL	97
74) Pentachlorobenzene	15.12	250	99473	19.39 ng/uL	94
75) Carbazole	17.95	167	308157	21.37 ng/ul	94
76) Di-n-butylphthalate	18.49	149	367406	20.56 ng/ul	98
77) Fluoranthene	19.59	202	484078	21.09 ng/ul	98
80) Pyrene	19.95	202	498690	19.33 ng/ul#	93
81) Butylbenzylphthalate	20.82	149	173375	20.68 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.71	252	185502	20.59 ng/ul	97
83) Benzo(a)anthracene	21.81	228	530648	19.82 ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.70	149	250614	21.03 ng/ul#	99
85) Chrysene	21.88	228	492486	19.61 ng/ul	97
87) Di-n-octyl phthalate	22.95	149	420254	21.27 ng/ul	100
88) Benzo(b)fluoranthene	24.11	252	514431	19.99 ng/ul#	99
89) Benzo(k)fluoranthene	24.18	252	486084m	19.62 ng/ul	
91) Benzo(a)pyrene	25.02	252	485720	19.64 ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	29.02	276	550927	19.78 ng/ul#	95
93) Dibenzo(a,h)anthracene	29.09	278	455389	19.58 ng/ul	96
94) Benzo(g,h,i)perylene	30.23	276	448924	21.23 ng/ul#	94

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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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