Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110215\
Data File : BG019443.D
Acq On : 2 Nov 2015 21:57
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02026

Manual Integrations APPROVED
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11/3/2015 5:57:41 PM

Quant Time: Nov 03 00:56:06 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 03 00:19:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	32445	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	136154	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	109334	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	359382	20.00	ng/ul	0.00
78) Chrysene-d12	21.84	240	434555	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	409154	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	5533m	8.17	ng/uL	0.00
5) Phenol-d5	7.34	99	63229	21.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	42810	22.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	39185	21.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	51705	21.80	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	21315	21.30	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	26092	21.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	52655	20.43	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	61838	23.72	ng/ul	0.00
44) Dimethylphthalate-d6	14.22	166	196576	21.81	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	206839	20.72	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	33294	23.25	ng/ul	0.00
58) Fluorene-d10	15.81	176	170136	20.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	35210	15.14	ng/ul	0.00
71) Anthracene-d10	17.66	188	299894	18.31	ng/ul	0.00
79) Pyrene-d10	19.94	212	370919	19.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	411432	20.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	6415	8.32	ng/uL#	76
4) Benzaldehyde	7.31	77	49277	25.44	ng/ul	94
6) Phenol	7.36	94	69542	21.92	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.60	93	45851	21.04	ng/ul	95
10) 2-Chlorophenol	7.75	128	40752	21.29	ng/ul	99
11) 2-Methylphenol	8.63	108	49526	21.11	ng/ul	86
12) 2,2'-oxybis(1-Chloropropan	8.72	45	40161	22.99	ng/ul#	86
14) Acetophenone	9.02	105	86675	21.77	ng/ul	87
15) N-Nitroso-di-n-propylamine	9.00	70	58413	22.38	ng/ul	90
16) 4-Methylphenol	8.96	108	56719	22.14	ng/ul	93
17) Hexachloroethane	9.29	117	20715	20.72	ng/ul	89
20) Nitrobenzene	9.41	77	81668	20.87	ng/ul	99
21) Isophorone	9.93	82	156548	22.09	ng/ul	96
23) 2-Nitrophenol	10.12	139	26967	19.99	ng/ul#	83
24) 2,4-Dimethylphenol	10.18	107	72324	20.52	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.41	93	72004	21.46	ng/ul	98
27) 2,4-Dichlorophenol	10.66	162	51175	20.78	ng/ul	94
28) Naphthalene	11.07	128	136556	20.05	ng/ul	96
30) 4-Chloroaniline	11.17	127	63343	23.18	ng/ul	97
31) Hexachlorobutadiene	11.35	225	48950	19.45	ng/ul	90
32) Caprolactam	11.93	113	22406m	25.39	ng/ul	
33) 4-Chloro-3-methylphenol	12.29	107	72258	21.86	ng/ul#	96
34) 2-Methylnaphthalene	12.66	142	107368	19.61	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.88	142	106310	20.52	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	13.02	216	86073	19.10	ng/ul#	95
38) Hexachlorocyclopentadiene	13.00	237	58737	17.57	ng/ul	96
39) 2,4,6-Trichlorophenol	13.26	196	56816	21.33	ng/ul	86
40) 2,4,5-Trichlorophenol	13.33	196	61894	21.17	ng/ul	96
41) 1,1'-Biphenyl	13.65	154	154983	20.05	ng/ul#	92
42) 2-Chloronaphthalene	13.70	162	122958	20.40	ng/ul	97
43) 2-Nitroaniline	13.90	65	56105	21.76	ng/ul	94
45) Dimethylphthalate	14.27	163	197639	21.44	ng/ul	98
46) 2,6-Dinitrotoluene	14.39	165	40098	21.49	ng/ul	91
48) Acenaphthylene	14.55	152	207864	20.32	ng/ul	99
49) 3-Nitroaniline	14.72	138	37437	23.31	ng/ul	99
50) Acenaphthene	14.89	153	141167	20.44	ng/ul	97
51) 2,4-Dinitrophenol	14.92	184	19595	13.97	ng/ul#	84
53) 4-Nitrophenol	15.02	109	48103	21.54	ng/ul#	73
54) Dibenzofuran	15.22	168	206896	20.34	ng/ul	95
55) 2,4-Dinitrotoluene	15.17	165	63148	21.43	ng/ul#	88
56) 2,3,4,6-Tetrachlorophenol	15.44	232	65549	21.45	ng/ul#	98
57) Diethylphthalate	15.62	149	199233	21.89	ng/ul	99
59) Fluorene	15.86	166	182382	20.55	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.85	204	106381	20.17	ng/ul	98
61) 4-Nitroaniline	15.88	138	42077	22.80	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.93	198	35801	14.23	ng/ul#	84
65) N-Nitrosodiphenylamine	16.06	169	167146	17.98	ng/ul	91
66) 4-Bromophenyl-phenylether	16.74	248	76758	17.97	ng/ul	93
67) Hexachlorobenzene	16.86	284	80010	17.65	ng/ul	94
68) Atrazine	17.00	200	91105	19.77	ng/ul	100
69) Pentachlorophenol	17.21	266	43724	16.34	ng/ul	94
70) Phenanthrene	17.60	178	328139	18.09	ng/ul	97
72) Anthracene	17.70	178	339633	18.37	ng/ul#	93
73) 1,2,3,4-Tetrachlorobenzene	13.63	216	89657	17.22	ng/uL	100
74) Pentachlorobenzene	15.14	250	88574	16.87	ng/uL	99
75) Carbazole	17.96	167	277763	18.83	ng/ul#	96
76) Di-n-butylphthalate	18.50	149	338286	18.50	ng/ul	98
77) Fluoranthene	19.60	202	460581	19.62	ng/ul#	96
80) Pyrene	19.96	202	468013	19.19	ng/ul#	95
81) Butylbenzylphthalate	20.83	149	158162	19.96	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.73	252	168060	19.74	ng/ul#	97
83) Benzo(a)anthracene	21.82	228	501400	19.81	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.71	149	219564	19.50	ng/ul	96
85) Chrysene	21.89	228	461977	19.46	ng/ul	98
87) Di-n-octyl phthalate	22.97	149	380393	20.53	ng/ul	100
88) Benzo(b)fluoranthene	24.13	252	479002	19.85	ng/ul#	97
89) Benzo(k)fluoranthene	24.20	252	472118	20.33	ng/ul	99
91) Benzo(a)pyrene	25.05	252	463621	20.00	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	29.05	276	524273	20.07	ng/ul	96
93) Dibenzo(a,h)anthracene	29.12	278	432987	19.86	ng/ul	97
94) Benzo(g,h,i)perylene	30.26	276	437712m	22.08	ng/ul	

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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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