Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121715\
Data File : BG020246.D
Acq On : 17 Dec 2015 7:22
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02042

Manual Integrations APPROVED
MMdadoda
12/17/2015 6:44:38 PM

Quant Time: Dec 17 08:04:07 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 06:39:33 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	31881	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	140424	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	100242	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	253338	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	288242	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	259647	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	4610	7.98	ng/uL	0.00
5) Phenol-d5	7.25	99	56601	20.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	32340	19.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	43328	21.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	46782	19.46	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	22213	20.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	26434	21.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	50731	20.56	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	62144	22.42	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	158917	19.60	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	195789	20.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	29222	20.09	ng/ul	0.00
58) Fluorene-d10	15.72	176	149255	20.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	24066	16.02	ng/ul	0.00
71) Anthracene-d10	17.57	188	233621	20.01	ng/ul	0.00
79) Pyrene-d10	19.85	212	262481	19.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	277907	21.46	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	5567	6.53	ng/uL	91
4) Benzaldehyde	7.23	77	38269	21.03	ng/ul	98
6) Phenol	7.28	94	60507	20.10	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.51	93	40188	19.46	ng/ul	96
10) 2-Chlorophenol	7.66	128	44846	20.94	ng/ul	95
11) 2-Methylphenol	8.54	108	44843	19.53	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.63	45	55934	18.80	ng/ul	98
14) Acetophenone	8.92	105	74157	19.70	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.91	70	38451	19.29	ng/ul	97
16) 4-Methylphenol	8.87	108	50469	19.85	ng/ul	100
17) Hexachloroethane	9.19	117	16944	18.83	ng/ul	89
20) Nitrobenzene	9.31	77	58556	20.19	ng/ul	99
21) Isophorone	9.83	82	103517	18.69	ng/ul	99
23) 2-Nitrophenol	10.02	139	26792	20.51	ng/ul	98
24) 2,4-Dimethylphenol	10.07	107	59226	19.97	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.31	93	57589	19.20	ng/ul	97
27) 2,4-Dichlorophenol	10.56	162	52873	20.86	ng/ul	93
28) Naphthalene	10.97	128	149352	20.37	ng/ul	98
30) 4-Chloroaniline	11.07	127	62338	22.03	ng/ul	99
31) Hexachlorobutadiene	11.25	225	37922	20.07	ng/ul	98
32) Caprolactam	11.83	113	17619m	19.70	ng/ul	
33) 4-Chloro-3-methylphenol	12.19	107	61282	20.35	ng/ul	93
34) 2-Methylnaphthalene	12.56	142	113023	20.18	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.78	142	108060	20.07 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	77633	20.64 ng/ul	99
38) Hexachlorocyclopentadiene	12.90	237	27520	11.83 ng/ul	100
39) 2,4,6-Trichlorophenol	13.16	196	50775	21.04 ng/ul	96
40) 2,4,5-Trichlorophenol	13.24	196	56864	21.20 ng/ul	99
41) 1,1'-Biphenyl	13.56	154	152978	20.23 ng/ul	98
42) 2-Chloronaphthalene	13.61	162	125953	20.80 ng/ul	98
43) 2-Nitroaniline	13.81	65	42132	20.47 ng/ul	93
45) Dimethylphthalate	14.17	163	164241	19.83 ng/ul	99
46) 2,6-Dinitrotoluene	14.30	165	34972	20.41 ng/ul	98
48) Acenaphthylene	14.45	152	204597	20.41 ng/ul	99
49) 3-Nitroaniline	14.63	138	37394	22.49 ng/ul	93
50) Acenaphthene	14.79	153	137367	20.37 ng/ul	98
51) 2,4-Dinitrophenol	14.83	184	14504	14.88 ng/ul	98
53) 4-Nitrophenol	14.93	109	26070	18.64 ng/ul	94
54) Dibenzofuran	15.13	168	205863	20.52 ng/ul	100
55) 2,4-Dinitrotoluene	15.08	165	51978	20.67 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.35	232	53535	20.76 ng/ul#	96
57) Diethylphthalate	15.54	149	165012	19.20 ng/ul	98
59) Fluorene	15.77	166	166371	20.65 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.76	204	93674	20.62 ng/ul	96
61) 4-Nitroaniline	15.79	138	38638	21.49 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.84	198	26127	16.21 ng/ul	97
65) N-Nitrosodiphenylamine	15.97	169	147454	20.93 ng/ul	97
66) 4-Bromophenyl-phenylether	16.65	248	63133	21.23 ng/ul	94
67) Hexachlorobenzene	16.78	284	67382	21.10 ng/ul	94
68) Atrazine	16.92	200	60210	20.04 ng/ul	97
69) Pentachlorophenol	17.12	266	30398	15.79 ng/ul	96
70) Phenanthrene	17.52	178	279597	20.18 ng/ul	100
72) Anthracene	17.60	178	286215	20.36 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	84581	21.31 ng/uL	97
74) Pentachlorobenzene	15.04	250	78915	21.44 ng/uL	97
75) Carbazole	17.87	167	241845	20.48 ng/ul	99
76) Di-n-butylphthalate	18.42	149	270751	19.73 ng/ul	99
77) Fluoranthene	19.51	202	336634	20.79 ng/ul	99
80) Pyrene	19.88	202	338105	19.38 ng/ul	99
81) Butylbenzylphthalate	20.75	149	121300	20.01 ng/ul	94
82) 3,3'-Dichlorobenzidine	21.64	252	119752	22.74 ng/ul	96
83) Benzo(a)anthracene	21.72	228	347796	20.68 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	159266	18.38 ng/ul	99
85) Chrysene	21.79	228	321586	20.30 ng/ul	99
87) Di-n-octyl phthalate	22.84	149	286510	20.08 ng/ul	100
88) Benzo(b)fluoranthene	23.97	252	315646	20.20 ng/ul	100
89) Benzo(k)fluoranthene	24.04	252	323912	21.60 ng/ul	100
91) Benzo(a)pyrene	24.86	252	309975	20.92 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.74	276	344786	19.54 ng/ul	97
93) Dibenzo(a,h)anthracene	28.80	278	286412	19.56 ng/ul	98
94) Benzo(g,h,i)perylene	29.91	276	244852	16.93 ng/ul	96

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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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