Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018534.D
Acq On : 29 Aug 2015 4:34
Operator : UM/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02017

Manual Integrations APPROVED
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8/31/2015 1:48:27 PM

Quant Time: Aug 31 05:15:56 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 03:29:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	118721	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	538100	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	336266	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	758804	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	731017	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	747587	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	17071	6.35	ng/uL	0.00
5) Phenol-d5	7.17	99	220214	20.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	130958	19.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	163650	19.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	186731	20.63	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	87171	20.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	90422	21.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	195059	21.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	241940	23.61	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	541053	19.12	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	701725	19.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	102687	20.18	ng/ul	0.00
58) Fluorene-d10	15.63	176	483270	19.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	73614	19.72	ng/ul	0.00
71) Anthracene-d10	17.48	188	731353	20.15	ng/ul	0.00
79) Pyrene-d10	19.76	212	749917	19.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.62	264	791131	19.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	20067	6.98	ng/uL#	74
4) Benzaldehyde	7.14	77	145235	22.98	ng/ul	99
6) Phenol	7.20	94	229678	20.90	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.43	93	169547	20.05	ng/ul	98
10) 2-Chlorophenol	7.58	128	172456	20.50	ng/ul	91
11) 2-Methylphenol	8.45	108	175252	20.56	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.55	45	220535	16.25	ng/ul#	95
14) Acetophenone	8.83	105	270618	20.69	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.82	70	139414	18.58	ng/ul	90
16) 4-Methylphenol	8.78	108	190915	20.53	ng/ul	93
17) Hexachloroethane	9.09	117	66553	18.36	ng/ul	92
20) Nitrobenzene	9.21	77	208353	19.68	ng/ul#	94
21) Isophorone	9.73	82	384065	18.86	ng/ul	96
23) 2-Nitrophenol	9.92	139	98813	20.83	ng/ul	87
24) 2,4-Dimethylphenol	9.99	107	203045	19.10	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.22	93	240267	18.93	ng/ul	96
27) 2,4-Dichlorophenol	10.46	162	181650	21.39	ng/ul	98
28) Naphthalene	10.87	128	580253	20.40	ng/ul	99
30) 4-Chloroaniline	10.97	127	236773	22.72	ng/ul	98
31) Hexachlorobutadiene	11.16	225	107884	20.11	ng/ul	95
32) Caprolactam	11.73	113	66829m	19.53	ng/ul	
33) 4-Chloro-3-methylphenol	12.09	107	198627	20.18	ng/ul	95
34) 2-Methylnaphthalene	12.47	142	422793	20.53	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.69	142	412749	20.52	ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	222911	20.67	ng/ul	98
38) Hexachlorocyclopentadiene	12.82	237	61944	9.65	ng/ul	98
39) 2,4,6-Trichlorophenol	13.07	196	149797	20.40	ng/ul	97
40) 2,4,5-Trichlorophenol	13.15	196	159141	20.15	ng/ul	96
41) 1,1'-Biphenyl	13.47	154	560327	19.97	ng/ul	96
42) 2-Chloronaphthalene	13.52	162	430025	19.73	ng/ul	99
43) 2-Nitroaniline	13.71	65	129952	18.46	ng/ul	88
45) Dimethylphthalate	14.09	163	520360	18.65	ng/ul	99
46) 2,6-Dinitrotoluene	14.21	165	115926	20.86	ng/ul	90
48) Acenaphthylene	14.36	152	723216	20.24	ng/ul	99
49) 3-Nitroaniline	14.54	138	132009	23.28	ng/ul	90
50) Acenaphthene	14.71	153	495924	19.78	ng/ul	100
51) 2,4-Dinitrophenol	14.74	184	50612	18.67	ng/ul	87
53) 4-Nitrophenol	14.85	109	76628	17.32	ng/ul	94
54) Dibenzofuran	15.03	168	662606	20.23	ng/ul	98
55) 2,4-Dinitrotoluene	14.99	165	159734	20.14	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	15.26	232	140642	20.44	ng/ul#	94
57) Diethylphthalate	15.45	149	537045	18.11	ng/ul	100
59) Fluorene	15.69	166	557813	19.80	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.68	204	258016	19.35	ng/ul	98
61) 4-Nitroaniline	15.70	138	139281	22.24	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.76	198	78549	19.73	ng/ul#	89
65) N-Nitrosodiphenylamine	15.89	169	474226	20.77	ng/ul	96
66) 4-Bromophenyl-phenylether	16.57	248	170083	20.73	ng/ul	98
67) Hexachlorobenzene	16.69	284	178668	20.59	ng/ul	95
68) Atrazine	16.84	200	185613	21.72	ng/ul	96
69) Pentachlorophenol	17.03	266	111858	19.25	ng/ul	97
70) Phenanthrene	17.43	178	837928	20.35	ng/ul	99
72) Anthracene	17.51	178	857263	20.43	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	231442	22.04	ng/uL	96
74) Pentachlorobenzene	14.96	250	213332	21.28	ng/uL	89
75) Carbazole	17.78	167	798477	21.71	ng/ul	100
76) Di-n-butylphthalate	18.34	149	935434	19.47	ng/ul	99
77) Fluoranthene	19.43	202	958519	21.80	ng/ul	100
80) Pyrene	19.79	202	959704	19.42	ng/ul	99
81) Butylbenzylphthalate	20.68	149	417212	19.95	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.54	252	303331	19.98	ng/ul	98
83) Benzo(a)anthracene	21.62	228	909963	20.08	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.53	149	594369	20.12	ng/ul	99
85) Chrysene	21.69	228	842631	19.88	ng/ul	98
87) Di-n-octyl phthalate	22.74	149	1028317	21.32	ng/ul	100
88) Benzo(b)fluoranthene	23.82	252	923412	19.66	ng/ul	97
89) Benzo(k)fluoranthene	23.89	252	874771	19.34	ng/ul	99
91) Benzo(a)pyrene	24.69	252	885042	19.82	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.48	276	1036500	20.06	ng/ul	97
93) Dibenzo(a,h)anthracene	28.55	278	846722	19.72	ng/ul	99
94) Benzo(g,h,i)perylene	29.62	276	854945	19.70	ng/ul	97

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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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