Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123115\
Data File : BG020640.D
Acq On : 31 Dec 2015 13:59
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02010

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Quant Time: Jan 01 03:15:42 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 31 03:43:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23268	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	95909	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	69180	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	175000	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	209393	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	202351	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	3480	8.96	ng/uL	0.00
5) Phenol-d5	7.22	99	39061	19.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	24175	20.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	31187	20.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	33447	19.84	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	16772	22.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	19764	22.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	36595	22.40	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	44026	22.70	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	120246	21.24	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	139625	21.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	18422	20.75	ng/ul	0.00
58) Fluorene-d10	15.69	176	107768	21.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	21050	19.83	ng/ul	0.00
71) Anthracene-d10	17.54	188	172848	21.20	ng/ul	0.00
79) Pyrene-d10	19.82	212	204804	21.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	217404	21.53	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	4319	8.80	ng/uL	89
4) Benzaldehyde	7.20	77	27014	22.43	ng/ul	98
6) Phenol	7.24	94	41829	19.76	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.47	93	30740	20.36	ng/ul	98
10) 2-Chlorophenol	7.63	128	33161	21.11	ng/ul	91
11) 2-Methylphenol	8.50	108	32317	19.81	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.59	45	41018	20.78	ng/ul	97
14) Acetophenone	8.88	105	55430	20.06	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.87	70	28687	20.56	ng/ul#	92
16) 4-Methylphenol	8.83	108	35860	19.87	ng/ul	96
17) Hexachloroethane	9.15	117	13906	21.07	ng/ul	98
20) Nitrobenzene	9.27	77	41194	22.27	ng/ul	94
21) Isophorone	9.79	82	79534	22.08	ng/ul	98
23) 2-Nitrophenol	9.99	139	20056	22.09	ng/ul	98
24) 2,4-Dimethylphenol	10.04	107	43038	22.52	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.28	93	44155	22.19	ng/ul	99
27) 2,4-Dichlorophenol	10.52	162	37275	22.09	ng/ul	99
28) Naphthalene	10.93	128	109442	21.55	ng/ul	99
30) 4-Chloroaniline	11.04	127	45419	22.79	ng/ul	98
31) Hexachlorobutadiene	11.20	225	30494	22.41	ng/ul	96
32) Caprolactam	11.79	113	12024m	20.80	ng/ul	
33) 4-Chloro-3-methylphenol	12.16	107	40058	21.94	ng/ul	96
34) 2-Methylnaphthalene	12.53	142	82945	21.82	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.74	142	79512	21.68 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	58035	21.79 ng/ul	99
38) Hexachlorocyclopentadiene	12.87	237	13586	14.17 ng/ul	93
39) 2,4,6-Trichlorophenol	13.14	196	32771	21.96 ng/ul	94
40) 2,4,5-Trichlorophenol	13.21	196	37552m	22.93 ng/ul	
41) 1,1'-Biphenyl	13.53	154	114396	21.98 ng/ul	99
42) 2-Chloronaphthalene	13.58	162	90549	21.61 ng/ul	99
43) 2-Nitroaniline	13.78	65	27151	22.59 ng/ul	97
45) Dimethylphthalate	14.14	163	123093	21.28 ng/ul	100
46) 2,6-Dinitrotoluene	14.27	165	25481	21.23 ng/ul	97
48) Acenaphthylene	14.42	152	147933	21.60 ng/ul	99
49) 3-Nitroaniline	14.61	138	24589	22.53 ng/ul	99
50) Acenaphthene	14.76	153	98638	21.28 ng/ul	99
51) 2,4-Dinitrophenol	14.82	184	8818	17.43 ng/ul#	85
53) 4-Nitrophenol	14.92	109	16520	21.08 ng/ul	97
54) Dibenzofuran	15.09	168	148514	21.20 ng/ul	97
55) 2,4-Dinitrotoluene	15.06	165	37666	21.51 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	15.32	232	33738	22.10 ng/ul#	98
57) Diethylphthalate	15.50	149	123917	20.79 ng/ul	99
59) Fluorene	15.75	166	119047	21.13 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.73	204	67381	20.69 ng/ul	100
61) 4-Nitroaniline	15.77	138	26448	22.16 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.83	198	22975	20.23 ng/ul	92
65) N-Nitrosodiphenylamine	15.95	169	105089	21.81 ng/ul	95
66) 4-Bromophenyl-phenylether	16.62	248	45939	21.61 ng/ul	99
67) Hexachlorobenzene	16.75	284	50328	21.57 ng/ul	96
68) Atrazine	16.89	200	44938	21.11 ng/ul	97
69) Pentachlorophenol	17.10	266	18794	19.99 ng/ul	100
70) Phenanthrene	17.48	178	205244	21.57 ng/ul	100
72) Anthracene	17.57	178	209675	21.55 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	64276	23.13 ng/uL	97
74) Pentachlorobenzene	15.01	250	58506	22.04 ng/uL	98
75) Carbazole	17.85	167	181914	22.15 ng/ul	99
76) Di-n-butylphthalate	18.39	149	212778	22.09 ng/ul	99
77) Fluoranthene	19.49	202	259262	22.30 ng/ul	98
80) Pyrene	19.85	202	261906	21.59 ng/ul	99
81) Butylbenzylphthalate	20.73	149	95704	22.42 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.61	252	91243	22.88 ng/ul	97
83) Benzo(a)anthracene	21.70	228	267433	21.83 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	134432	21.90 ng/ul	98
85) Chrysene	21.76	228	248800	21.58 ng/ul	99
87) Di-n-octyl phthalate	22.80	149	235330	22.15 ng/ul	100
88) Benzo(b)fluoranthene	23.94	252	254738	21.20 ng/ul	100
89) Benzo(k)fluoranthene	24.00	252	256556	22.28 ng/ul	99
91) Benzo(a)pyrene	24.82	252	250087	21.66 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.70	276	297267	21.59 ng/ul	96
93) Dibenzo(a,h)anthracene	28.75	278	248716	21.65 ng/ul	99
94) Benzo(g,h,i)perylene	29.86	276	239666	21.18 ng/ul	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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