Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110615\
Data File : BG019511.D
Acq On : 6 Nov 2015 14:21
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02005

Quant Time: Nov 06 22:29:33 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 06 22:26:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	43899	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	184571	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	144965	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	421178	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	530894	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	517084	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	7429	8.11	ng/uL	0.00
5) Phenol-d5	7.32	99	82417	20.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	54882	21.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	51077	20.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	65000	20.25	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	26667	19.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	32698	20.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	69697	19.95	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	78106	22.10	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	240820	20.15	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	278006	21.00	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	41564	21.89	ng/ul	0.00
58) Fluorene-d10	15.80	176	224710	20.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	53435	19.60	ng/ul	0.00
71) Anthracene-d10	17.65	188	383547	19.98	ng/ul	0.00
79) Pyrene-d10	19.93	212	445711	19.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	511924	19.73	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	8956	8.58	ng/uL#	78
4) Benzaldehyde	7.31	77	64307	24.53	ng/ul	97
6) Phenol	7.35	94	90350	21.05	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.59	93	62095	21.06	ng/ul	95
10) 2-Chlorophenol	7.74	128	51132	19.75	ng/ul#	90
11) 2-Methylphenol	8.62	108	65419	20.60	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.71	45	53020	22.43	ng/ul	97
14) Acetophenone	9.00	105	113385	21.04	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.99	70	73138	20.71	ng/ul#	87
16) 4-Methylphenol	8.94	108	72153	20.81	ng/ul	92
17) Hexachloroethane	9.27	117	26768	19.79	ng/ul	90
20) Nitrobenzene	9.40	77	105243	19.84	ng/ul	99
21) Isophorone	9.91	82	196688	20.47	ng/ul	97
23) 2-Nitrophenol	10.11	139	35421	19.37	ng/ul#	80
24) 2,4-Dimethylphenol	10.16	107	93257	19.52	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.40	93	91762	20.18	ng/ul	98
27) 2,4-Dichlorophenol	10.65	162	65401	19.59	ng/ul	95
28) Naphthalene	11.06	128	180920	19.59	ng/ul	98
30) 4-Chloroaniline	11.16	127	80323	21.68	ng/ul	95
31) Hexachlorobutadiene	11.34	225	61716	18.09	ng/ul	96
32) Caprolactam	11.91	113	26124	21.83	ng/ul	90
33) 4-Chloro-3-methylphenol	12.27	107	92583	20.66	ng/ul	96
34) 2-Methylnaphthalene	12.65	142	145945	19.67	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.87	142	142165	20.25 ng/ul#	100
37) 1,2,4,5-Tetrachlorobenzene	13.01	216	116425	19.48 ng/ul	95
38) Hexachlorocyclopentadiene	12.99	237	65299	14.73 ng/ul	93
39) 2,4,6-Trichlorophenol	13.25	196	71957	20.37 ng/ul	96
40) 2,4,5-Trichlorophenol	13.32	196	76030	19.61 ng/ul	100
41) 1,1'-Biphenyl	13.65	154	208192	20.32 ng/ul#	96
42) 2-Chloronaphthalene	13.69	162	161331	20.18 ng/ul	96
43) 2-Nitroaniline	13.89	65	72713	21.27 ng/ul	92
45) Dimethylphthalate	14.25	163	242555	19.84 ng/ul#	96
46) 2,6-Dinitrotoluene	14.38	165	50876	20.56 ng/ul	91
48) Acenaphthylene	14.53	152	272754	20.11 ng/ul	99
49) 3-Nitroaniline	14.71	138	48636	22.84 ng/ul	90
50) Acenaphthene	14.87	153	189007	20.64 ng/ul	96
51) 2,4-Dinitrophenol	14.91	184	32642	17.55 ng/ul#	92
53) 4-Nitrophenol	15.01	109	57314	19.36 ng/ul#	68
54) Dibenzofuran	15.20	168	272386	20.20 ng/ul	99
55) 2,4-Dinitrotoluene	15.16	165	81011	20.73 ng/ul#	87
56) 2,3,4,6-Tetrachlorophenol	15.43	232	82058	20.25 ng/ul	93
57) Diethylphthalate	15.61	149	244346	20.25 ng/ul	99
59) Fluorene	15.85	166	238685	20.29 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.84	204	138807	19.85 ng/ul	99
61) 4-Nitroaniline	15.87	138	51474	21.03 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.92	198	53301	18.08 ng/ul#	95
65) N-Nitrosodiphenylamine	16.05	169	213868	19.63 ng/ul	95
66) 4-Bromophenyl-phenylether	16.73	248	98213	19.62 ng/ul	97
67) Hexachlorobenzene	16.85	284	101891	19.18 ng/ul	97
68) Atrazine	16.99	200	108169	20.03 ng/ul	98
69) Pentachlorophenol	17.20	266	58431	18.64 ng/ul	86
70) Phenanthrene	17.59	178	421213	19.82 ng/ul	98
72) Anthracene	17.69	178	431449	19.91 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.62	216	116189	19.04 ng/uL	98
74) Pentachlorobenzene	15.13	250	119060	19.35 ng/uL	97
75) Carbazole	17.95	167	355751	20.58 ng/ul	97
76) Di-n-butylphthalate	18.49	149	431136	20.12 ng/ul	99
77) Fluoranthene	19.59	202	562472	20.44 ng/ul#	97
80) Pyrene	19.96	202	580508	19.49 ng/ul#	92
81) Butylbenzylphthalate	20.82	149	204609	21.13 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.72	252	218226	20.98 ng/ul	95
83) Benzo(a)anthracene	21.81	228	615949	19.92 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.69	149	295160	21.45 ng/ul	98
85) Chrysene	21.88	228	581107	20.04 ng/ul	98
87) Di-n-octyl phthalate	22.95	149	498223	21.28 ng/ul	100
88) Benzo(b)fluoranthene	24.11	252	590353	19.36 ng/ul#	97
89) Benzo(k)fluoranthene	24.18	252	583423	19.88 ng/ul#	98
91) Benzo(a)pyrene	25.03	252	580258	19.80 ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	29.03	276	665519	20.16 ng/ul#	98
93) Dibenzo(a,h)anthracene	29.09	278	539639	19.58 ng/ul#	96
94) Benzo(g,h,i)perylene	30.23	276	539444	21.53 ng/ul#	92

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

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