Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092315\
Data File : BG018869.D
Acq On : 24 Sep 2015 2:34
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02006

Quant Time: Sep 24 03:30:24 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 24 03:00:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	85229	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	383335	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.62	164	252488	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	613588	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	624042	20.00	ng/ul	0.00
86) Perylene-d12	24.82	264	651285	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	12169	6.86	ng/uL	0.00
5) Phenol-d5	7.17	99	143295	20.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	80187	19.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	113433	21.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	115276	20.30	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	58280	20.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	64960	22.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	129596	21.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	163484	22.85	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	378923	18.65	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	494592	20.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	68792	17.64	ng/ul	0.00
58) Fluorene-d10	15.62	176	356638	20.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	49320	16.98	ng/ul	0.00
71) Anthracene-d10	17.47	188	552170	20.44	ng/ul	0.00
79) Pyrene-d10	19.75	212	592312	20.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.60	264	660285	20.83	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	13433	7.01	ng/uL#	72
4) Benzaldehyde	7.14	77	89708	22.16	ng/ul	93
6) Phenol	7.19	94	149475	20.65	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.42	93	110728	20.48	ng/ul	92
10) 2-Chlorophenol	7.57	128	114052	20.79	ng/ul	90
11) 2-Methylphenol	8.44	108	115798	20.80	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.53	45	123650	19.27	ng/ul#	90
14) Acetophenone	8.82	105	178369	20.62	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.80	70	84626	18.97	ng/ul#	83
16) 4-Methylphenol	8.77	108	127201	20.78	ng/ul	92
17) Hexachloroethane	9.08	117	44466	20.33	ng/ul#	78
20) Nitrobenzene	9.20	77	127989	19.01	ng/ul#	88
21) Isophorone	9.72	82	246531	17.96	ng/ul	96
23) 2-Nitrophenol	9.91	139	69564	21.13	ng/ul#	83
24) 2,4-Dimethylphenol	9.97	107	136111	19.95	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.21	93	152647	18.87	ng/ul	96
27) 2,4-Dichlorophenol	10.45	162	130087	21.14	ng/ul#	89
28) Naphthalene	10.85	128	390010	19.99	ng/ul	98
30) 4-Chloroaniline	10.96	127	167807	22.68	ng/ul	96
31) Hexachlorobutadiene	11.13	225	79426	20.92	ng/ul	94
32) Caprolactam	11.72	113	43124	17.11	ng/ul	90
33) 4-Chloro-3-methylphenol	12.09	107	132859	20.25	ng/ul	97
34) 2-Methylnaphthalene	12.46	142	290534	20.16	ng/ul	92

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.67	142	277458	20.09	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.83	216	162884	20.81	ng/ul#	96
38) Hexachlorocyclopentadiene	12.80	237	37133	8.53	ng/ul#	88
39) 2,4,6-Trichlorophenol	13.06	196	109309	21.51	ng/ul	95
40) 2,4,5-Trichlorophenol	13.14	196	120588	22.03	ng/ul	96
41) 1,1'-Biphenyl	13.46	154	383673	20.08	ng/ul	96
42) 2-Chloronaphthalene	13.51	162	303266	20.82	ng/ul	95
43) 2-Nitroaniline	13.71	65	81231	18.81	ng/ul#	70
45) Dimethylphthalate	14.08	163	372570	18.91	ng/ul	99
46) 2,6-Dinitrotoluene	14.20	165	84715	21.38	ng/ul#	83
48) Acenaphthylene	14.35	152	514864	20.10	ng/ul	98
49) 3-Nitroaniline	14.53	138	93175	22.16	ng/ul#	77
50) Acenaphthene	14.69	153	344745	19.98	ng/ul	99
51) 2,4-Dinitrophenol	14.74	184	21533	12.09	ng/ul#	73
53) 4-Nitrophenol	14.85	109	46070	17.23	ng/ul	90
54) Dibenzofuran	15.02	168	484457	20.01	ng/ul	94
55) 2,4-Dinitrotoluene	14.99	165	120846	20.49	ng/ul#	83
56) 2,3,4,6-Tetrachlorophenol	15.25	232	105974	20.05	ng/ul	90
57) Diethylphthalate	15.44	149	380480	18.59	ng/ul	99
59) Fluorene	15.68	166	397574	19.44	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.66	204	196266	20.13	ng/ul	90
61) 4-Nitroaniline	15.69	138	98278	20.32	ng/ul	86
64) 4,6-Dinitro-2-methylphenol	15.75	198	52843	17.73	ng/ul#	85
65) N-Nitrosodiphenylamine	15.88	169	336556	20.94	ng/ul	95
66) 4-Bromophenyl-phenylether	16.56	248	130811	21.76	ng/ul#	88
67) Hexachlorobenzene	16.68	284	147612	22.15	ng/ul	94
68) Atrazine	16.82	200	142685	20.16	ng/ul	97
69) Pentachlorophenol	17.03	266	68265	17.57	ng/ul	92
70) Phenanthrene	17.42	178	624306	20.01	ng/ul	99
72) Anthracene	17.50	178	633213	20.24	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.43	216	159533	21.85	ng/uL	99
74) Pentachlorobenzene	14.95	250	165053	23.15	ng/uL	95
75) Carbazole	17.77	167	571539	20.57	ng/ul	98
76) Di-n-butylphthalate	18.33	149	681800	19.43	ng/ul	99
77) Fluoranthene	19.42	202	730742	21.14	ng/ul	97
80) Pyrene	19.78	202	740707	20.18	ng/ul	97
81) Butylbenzylphthalate	20.66	149	304318	21.61	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.53	252	282911	25.57	ng/ul	99
83) Benzo(a)anthracene	21.61	228	713077	20.61	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.51	149	450347	21.58	ng/ul	98
85) Chrysene	21.68	228	661614	20.73	ng/ul	98
87) Di-n-octyl phthalate	22.71	149	771777	22.39	ng/ul	100
88) Benzo(b)fluoranthene	23.81	252	736582	20.00	ng/ul	99
89) Benzo(k)fluoranthene	23.88	252	721774	20.46	ng/ul	97
91) Benzo(a)pyrene	24.67	252	712249	20.35	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.45	276	830781	20.47	ng/ul	98
93) Dibenzo(a,h)anthracene	28.51	278	699189	21.46	ng/ul	94
94) Benzo(g,h,i)perylene	29.59	276	688354	20.32	ng/ul	98

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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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