Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092415\
Data File : BG018883.D
Acq On : 25 Sep 2015 00:33
Operator : TP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02008

Manual Integrations APPROVED
MMDadoda
9/25/2015 2:17:41 PM

Quant Time: Sep 25 01:09:44 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 24 04:11:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	86807	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	380804	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.63	164	249350	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	634932	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	699256	20.00	ng/ul	0.00
86) Perylene-d12	24.81	264	752524	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	12917	7.15	ng/uL	0.00
5) Phenol-d5	7.16	99	141426	19.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	83348	20.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	115481	21.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	117745	20.36	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	57799	20.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	66942	23.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	126905	20.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	164722	23.18	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	407399	20.30	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	491269	20.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	75758	19.67	ng/ul	0.00
58) Fluorene-d10	15.61	176	356056	20.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	67248	22.38	ng/ul	0.00
71) Anthracene-d10	17.46	188	572640	20.49	ng/ul	0.00
79) Pyrene-d10	19.75	212	659483	20.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.60	264	756614	20.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	14981	7.67	ng/uL#	70
4) Benzaldehyde	7.13	77	92965	22.55	ng/ul	92
6) Phenol	7.19	94	149803	20.32	ng/ul#	90
8) Bis(2-Chloroethyl)ether	7.42	93	115337	20.94	ng/ul	92
10) 2-Chlorophenol	7.56	128	116142	20.78	ng/ul	89
11) 2-Methylphenol	8.44	108	118755	20.94	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.53	45	128200	19.61	ng/ul#	92
14) Acetophenone	8.81	105	186663	21.19	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.80	70	89488	19.69	ng/ul#	83
16) 4-Methylphenol	8.77	108	128033	20.54	ng/ul	100
17) Hexachloroethane	9.08	117	46571	20.90	ng/ul#	80
20) Nitrobenzene	9.20	77	127196	19.01	ng/ul#	87
21) Isophorone	9.72	82	268743	19.71	ng/ul	96
23) 2-Nitrophenol	9.91	139	70682	21.62	ng/ul#	81
24) 2,4-Dimethylphenol	9.97	107	134589	19.86	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.20	93	162861	20.27	ng/ul	93
27) 2,4-Dichlorophenol	10.45	162	125976	20.61	ng/ul	93
28) Naphthalene	10.85	128	388000	20.02	ng/ul	99
30) 4-Chloroaniline	10.96	127	168753	22.96	ng/ul	99
31) Hexachlorobutadiene	11.14	225	79545	21.09	ng/ul	94
32) Caprolactam	11.72	113	48386m	19.33	ng/ul	
33) 4-Chloro-3-methylphenol	12.08	107	130328	20.00	ng/ul	99
34) 2-Methylnaphthalene	12.45	142	292141	20.41	ng/ul	95

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.68	142	278018	20.27	ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	12.82	216	162933	21.08	ng/ul	97
38) Hexachlorocyclopentadiene	12.80	237	79178	18.42	ng/ul	94
39) 2,4,6-Trichlorophenol	13.06	196	108374	21.59	ng/ul	97
40) 2,4,5-Trichlorophenol	13.13	196	113652	21.03	ng/ul	98
41) 1,1'-Biphenyl	13.46	154	387257	20.52	ng/ul	99
42) 2-Chloronaphthalene	13.50	162	294488	20.47	ng/ul	96
43) 2-Nitroaniline	13.70	65	81883	19.20	ng/ul#	73
45) Dimethylphthalate	14.07	163	392218	20.16	ng/ul#	97
46) 2,6-Dinitrotoluene	14.20	165	88420	22.60	ng/ul#	83
48) Acenaphthylene	14.35	152	504000	19.92	ng/ul	99
49) 3-Nitroaniline	14.53	138	95530	23.00	ng/ul#	82
50) Acenaphthene	14.69	153	342676	20.11	ng/ul	99
51) 2,4-Dinitrophenol	14.74	184	32362	18.39	ng/ul#	72
53) 4-Nitrophenol	14.84	109	46779	17.72	ng/ul	86
54) Dibenzofuran	15.02	168	476924	19.95	ng/ul	95
55) 2,4-Dinitrotoluene	14.98	165	125768	21.60	ng/ul#	81
56) 2,3,4,6-Tetrachlorophenol	15.25	232	103181	19.76	ng/ul#	91
57) Diethylphthalate	15.44	149	410053	20.28	ng/ul	98
59) Fluorene	15.67	166	394422	19.53	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.66	204	199190	20.69	ng/ul#	89
61) 4-Nitroaniline	15.69	138	104112	21.80	ng/ul#	83
64) 4,6-Dinitro-2-methylphenol	15.75	198	70098	22.73	ng/ul#	83
65) N-Nitrosodiphenylamine	15.88	169	342090	20.57	ng/ul	95
66) 4-Bromophenyl-phenylether	16.55	248	129364	20.79	ng/ul	92
67) Hexachlorobenzene	16.68	284	149458	21.67	ng/ul	93
68) Atrazine	16.82	200	159043	21.71	ng/ul	99
69) Pentachlorophenol	17.02	266	66835	16.62	ng/ul	95
70) Phenanthrene	17.41	178	649313	20.12	ng/ul	99
72) Anthracene	17.50	178	655855	20.26	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.43	216	161815	21.42	ng/uL	97
74) Pentachlorobenzene	14.94	250	163234	22.12	ng/uL	97
75) Carbazole	17.77	167	627023	21.81	ng/ul	99
76) Di-n-butylphthalate	18.32	149	749047	20.63	ng/ul	98
77) Fluoranthene	19.41	202	822237	22.98	ng/ul	99
80) Pyrene	19.78	202	818646	19.91	ng/ul	98
81) Butylbenzylphthalate	20.66	149	336827	21.35	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.52	252	324007	26.13	ng/ul#	97
83) Benzo(a)anthracene	21.61	228	804251	20.74	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.51	149	505522	21.62	ng/ul#	98
85) Chrysene	21.68	228	739246	20.67	ng/ul	98
87) Di-n-octyl phthalate	22.70	149	874179	21.95	ng/ul	100
88) Benzo(b)fluoranthene	23.80	252	853581	20.06	ng/ul	100
89) Benzo(k)fluoranthene	23.87	252	819524	20.11	ng/ul	98
91) Benzo(a)pyrene	24.67	252	819906	20.27	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.44	276	981458	20.93	ng/ul	99
93) Dibenzo(a,h)anthracene	28.50	278	812270	21.58	ng/ul	96
94) Benzo(g,h,i)perylene	29.58	276	818427	20.91	ng/ul	100

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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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