Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092315\
Data File : BG018845.D
Acq On : 23 Sep 2015 11:20
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02004

Manual Integrations APPROVED
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9/24/2015 4:39:46 PM

Quant Time: Sep 24 02:57:25 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 23 07:13:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	81255	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	357620	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.63	164	233051	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	582010	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	576589	20.00	ng/ul	0.00
86) Perylene-d12	24.83	264	595896	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	12614	7.46	ng/uL	0.00
5) Phenol-d5	7.17	99	135009	20.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	74698	19.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	109031	21.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	111223	20.54	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	55678	20.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	59063	21.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	122098	21.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	154600	23.16	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	358882	19.13	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	473083	21.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	68418	19.01	ng/ul	0.00
58) Fluorene-d10	15.62	176	338751	20.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	40300	14.63	ng/ul	0.00
71) Anthracene-d10	17.47	188	530075	20.69	ng/ul	0.00
79) Pyrene-d10	19.75	212	548056	20.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.61	264	605670	20.88	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	12722	6.96	ng/uL#	70
4) Benzaldehyde	7.13	77	86916	22.52	ng/ul	94
6) Phenol	7.19	94	140557	20.36	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.41	93	105435	20.45	ng/ul	97
10) 2-Chlorophenol	7.57	128	110758	21.17	ng/ul#	88
11) 2-Methylphenol	8.44	108	109062	20.55	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.53	45	117733	19.24	ng/ul#	90
14) Acetophenone	8.82	105	170341	20.66	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.80	70	78565	18.47	ng/ul#	86
16) 4-Methylphenol	8.77	108	117749	20.18	ng/ul	89
17) Hexachloroethane	9.08	117	42055	20.17	ng/ul#	77
20) Nitrobenzene	9.20	77	120343	19.16	ng/ul#	87
21) Isophorone	9.72	82	236416	18.47	ng/ul	97
23) 2-Nitrophenol	9.92	139	65828	21.44	ng/ul#	81
24) 2,4-Dimethylphenol	9.98	107	122792	19.29	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.21	93	147520	19.55	ng/ul	98
27) 2,4-Dichlorophenol	10.45	162	120412	20.97	ng/ul	96
28) Naphthalene	10.86	128	365275	20.07	ng/ul	98
30) 4-Chloroaniline	10.96	127	161010	23.32	ng/ul	100
31) Hexachlorobutadiene	11.14	225	75937	21.44	ng/ul	95
32) Caprolactam	11.72	113	41682m	17.73	ng/ul	
33) 4-Chloro-3-methylphenol	12.09	107	124620	20.36	ng/ul	98
34) 2-Methylnaphthalene	12.46	142	271117	20.17	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	12.68	142	259169	20.12	ng/ul#	96
37) 1,2,4,5-Tetrachlorobenzene	12.83	216	151385	20.96	ng/ul	98
38) Hexachlorocyclopentadiene	12.80	237	49830	12.40	ng/ul	93
39) 2,4,6-Trichlorophenol	13.07	196	104338	22.24	ng/ul	95
40) 2,4,5-Trichlorophenol	13.14	196	113833	22.53	ng/ul	98
41) 1,1'-Biphenyl	13.46	154	360266	20.43	ng/ul	96
42) 2-Chloronaphthalene	13.51	162	284401	21.15	ng/ul	95
43) 2-Nitroaniline	13.71	65	76069	19.09	ng/ul#	73
45) Dimethylphthalate	14.08	163	356297	19.60	ng/ul	98
46) 2,6-Dinitrotoluene	14.20	165	81386	22.26	ng/ul#	88
48) Acenaphthylene	14.35	152	479569	20.28	ng/ul	99
49) 3-Nitroaniline	14.53	138	89241	22.99	ng/ul#	82
50) Acenaphthene	14.69	153	322801	20.27	ng/ul	98
51) 2,4-Dinitrophenol	14.74	184	20812	12.65	ng/ul#	72
53) 4-Nitrophenol	14.85	109	43221	17.52	ng/ul	87
54) Dibenzofuran	15.03	168	454868	20.36	ng/ul	96
55) 2,4-Dinitrotoluene	14.99	165	116647	21.43	ng/ul#	84
56) 2,3,4,6-Tetrachlorophenol	15.25	232	102164	20.94	ng/ul#	91
57) Diethylphthalate	15.44	149	361095	19.11	ng/ul	98
59) Fluorene	15.68	166	372805	19.75	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.66	204	185561	20.62	ng/ul	92
61) 4-Nitroaniline	15.69	138	92570	20.74	ng/ul#	83
64) 4,6-Dinitro-2-methylphenol	15.75	198	41554	14.70	ng/ul#	86
65) N-Nitrosodiphenylamine	15.88	169	317237	20.81	ng/ul	94
66) 4-Bromophenyl-phenylether	16.56	248	122623	21.50	ng/ul	92
67) Hexachlorobenzene	16.68	284	140690	22.25	ng/ul	95
68) Atrazine	16.83	200	137867	20.53	ng/ul	98
69) Pentachlorophenol	17.03	266	72572	19.69	ng/ul	92
70) Phenanthrene	17.41	178	598051	20.21	ng/ul	99
72) Anthracene	17.51	178	598703	20.18	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.43	216	150916	21.79	ng/uL	98
74) Pentachlorobenzene	14.95	250	157744	23.32	ng/uL	94
75) Carbazole	17.77	167	546531	20.74	ng/ul	99
76) Di-n-butylphthalate	18.33	149	651797	19.58	ng/ul	99
77) Fluoranthene	19.42	202	682899	20.82	ng/ul	96
80) Pyrene	19.78	202	688374	20.30	ng/ul	97
81) Butylbenzylphthalate	20.66	149	287122	22.07	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.53	252	265446	25.96	ng/ul	96
83) Benzo(a)anthracene	21.62	228	673503	21.07	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	426738	22.13	ng/ul	98
85) Chrysene	21.68	228	616208	20.90	ng/ul	98
87) Di-n-octyl phthalate	22.71	149	724347	22.97	ng/ul	100
88) Benzo(b)fluoranthene	23.81	252	704438	20.91	ng/ul	98
89) Benzo(k)fluoranthene	23.88	252	646781	20.04	ng/ul	99
91) Benzo(a)pyrene	24.68	252	654652	20.44	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.47	276	781681	21.05	ng/ul	99
93) Dibenzo(a,h)anthracene	28.53	278	653173	21.92	ng/ul	97
94) Benzo(g,h,i)perylene	29.60	276	652623m	21.05	ng/ul	

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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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