Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG100115\
Data File : BG018969.D
Acq On : 30 Sep 2015 12:42
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02020

Manual Integrations APPROVED
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10/1/2015 2:25:58 PM

Quant Time: Oct 01 04:26:59 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 01 04:12:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	48902	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	211511	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	151117	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.36	188	430716	20.00	ng/ul	0.00
78) Chrysene-d12	21.62	240	478748	20.00	ng/ul	0.00
86) Perylene-d12	24.79	264	489635	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	7147	7.03	ng/uL	0.00
5) Phenol-d5	7.16	99	79098	19.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.31	67	43000	18.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.52	132	61702	20.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	65651	20.15	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	34444	21.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	37680	23.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.41	165	74179	21.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	94613	23.97	ng/ul	0.00
44) Dimethylphthalate-d6	14.01	166	250701	20.61	ng/ul	0.00
47) Acenaphthylene-d8	14.31	160	299280	20.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	48532	20.79	ng/ul	0.00
58) Fluorene-d10	15.61	176	230793	21.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	45663	22.40	ng/ul	0.00
71) Anthracene-d10	17.46	188	392540	20.70	ng/ul	0.00
79) Pyrene-d10	19.74	212	471125	21.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.58	264	500281	20.99	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	8253	7.50	ng/uL#	66
4) Benzaldehyde	7.12	77	48789	21.00	ng/ul	89
6) Phenol	7.18	94	82802	19.93	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.40	93	60620	19.54	ng/ul	91
10) 2-Chlorophenol	7.55	128	63402	20.14	ng/ul	90
11) 2-Methylphenol	8.43	108	63199	19.79	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.51	45	64812	17.60	ng/ul#	93
14) Acetophenone	8.80	105	100794	20.31	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.78	70	47762	18.66	ng/ul#	83
16) 4-Methylphenol	8.76	108	71730	20.43	ng/ul	94
17) Hexachloroethane	9.07	117	23188	18.48	ng/ul#	66
20) Nitrobenzene	9.19	77	69316	18.66	ng/ul#	82
21) Isophorone	9.71	82	140705	18.58	ng/ul	94
23) 2-Nitrophenol	9.90	139	40021	22.04	ng/ul#	81
24) 2,4-Dimethylphenol	9.96	107	74595	19.81	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.19	93	86887	19.47	ng/ul	96
27) 2,4-Dichlorophenol	10.44	162	71015	20.91	ng/ul#	93
28) Naphthalene	10.84	128	215130	19.99	ng/ul	99
30) 4-Chloroaniline	10.95	127	97569	23.90	ng/ul	97
31) Hexachlorobutadiene	11.12	225	44615	21.29	ng/ul	93
32) Caprolactam	11.70	113	29086	20.92	ng/ul#	79
33) 4-Chloro-3-methylphenol	12.07	107	78557	21.70	ng/ul	99
34) 2-Methylnaphthalene	12.44	142	165835	20.86	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.66	142	158088	20.75	ng/ul#	100
37) 1,2,4,5-Tetrachlorobenzene	12.81	216	95872	20.47	ng/ul#	95
38) Hexachlorocyclopentadiene	12.79	237	33799	12.97	ng/ul	98
39) 2,4,6-Trichlorophenol	13.06	196	65062	21.39	ng/ul	93
40) 2,4,5-Trichlorophenol	13.13	196	69723	21.28	ng/ul	98
41) 1,1'-Biphenyl	13.44	154	227174	19.86	ng/ul	96
42) 2-Chloronaphthalene	13.49	162	178420	20.47	ng/ul	95
43) 2-Nitroaniline	13.70	65	50416m	19.51	ng/ul	
45) Dimethylphthalate	14.06	163	245587	20.83	ng/ul	98
46) 2,6-Dinitrotoluene	14.18	165	55539	23.42	ng/ul#	84
48) Acenaphthylene	14.34	152	310321	20.24	ng/ul	99
49) 3-Nitroaniline	14.52	138	64095	25.47	ng/ul#	74
50) Acenaphthene	14.68	153	207982	20.14	ng/ul	97
51) 2,4-Dinitrophenol	14.73	184	21559	20.22	ng/ul#	79
53) 4-Nitrophenol	14.84	109	31681	19.80	ng/ul	85
54) Dibenzofuran	15.01	168	300891	20.77	ng/ul	92
55) 2,4-Dinitrotoluene	14.98	165	84423	23.92	ng/ul#	74
56) 2,3,4,6-Tetrachlorophenol	15.24	232	68649	21.70	ng/ul	88
57) Diethylphthalate	15.42	149	252004	20.57	ng/ul	97
59) Fluorene	15.66	166	255410	20.86	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.65	204	127225	21.80	ng/ul	91
61) 4-Nitroaniline	15.68	138	72302	24.98	ng/ul#	84
64) 4,6-Dinitro-2-methylphenol	15.74	198	47470	22.69	ng/ul#	83
65) N-Nitrosodiphenylamine	15.86	169	229270	20.32	ng/ul	95
66) 4-Bromophenyl-phenylether	16.54	248	88442	20.96	ng/ul	91
67) Hexachlorobenzene	16.66	284	102067	21.82	ng/ul	95
68) Atrazine	16.81	200	104301	20.99	ng/ul	94
69) Pentachlorophenol	17.01	266	39725	14.56	ng/ul	93
70) Phenanthrene	17.40	178	442718	20.22	ng/ul	99
72) Anthracene	17.49	178	451118	20.54	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.41	216	97416	19.01	ng/uL	98
74) Pentachlorobenzene	14.94	250	104658	20.91	ng/uL	96
75) Carbazole	17.76	167	436929	22.40	ng/ul	97
76) Di-n-butylphthalate	18.31	149	502802	20.41	ng/ul	99
77) Fluoranthene	19.41	202	589698	24.30	ng/ul	96
80) Pyrene	19.77	202	591665	21.02	ng/ul	95
81) Butylbenzylphthalate	20.65	149	235329	21.79	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.51	252	223376	26.31	ng/ul#	97
83) Benzo(a)anthracene	21.59	228	547919	20.64	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	333925	20.85	ng/ul#	96
85) Chrysene	21.66	228	509226	20.80	ng/ul	97
87) Di-n-octyl phthalate	22.68	149	563614	21.75	ng/ul	100
88) Benzo(b)fluoranthene	23.78	252	564464	20.39	ng/ul	99
89) Benzo(k)fluoranthene	23.85	252	550586	20.76	ng/ul	99
91) Benzo(a)pyrene	24.65	252	544490	20.69	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.42	276	641383	21.02	ng/ul	97
93) Dibenzo(a,h)anthracene	28.47	278	525693	21.47	ng/ul	95
94) Benzo(g,h,i)perylene	29.55	276	526995	20.69	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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