Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021306.D
Acq On : 5 Mar 2016 15:18
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02014

Manual Integrations APPROVED
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3/7/2016 12:34:39 PM

Quant Time: Mar 07 03:45:47 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 07 03:13:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	9523	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	45967	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	27478	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	68155m	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	72456	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	68223	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	1792	7.64	ng/uL	0.00
5) Phenol-d5	7.27	99	19259	19.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	12940	19.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	13967	19.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	14860	18.66	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	6883	18.48	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	7336	18.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	13703	19.32	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	17708	19.68	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	45622	19.81	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	56824	19.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	8581	19.12	ng/ul	0.00
58) Fluorene-d10	15.72	176	40632	20.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	8091	16.54	ng/ul	0.00
71) Anthracene-d10	17.57	188	63845	18.84	ng/ul	0.00
79) Pyrene-d10	19.84	212	71563	19.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	69179	18.78	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	2215	7.91	ng/uL	90
4) Benzaldehyde	7.26	77	9143	13.47	ng/ul	99
6) Phenol	7.30	94	20908	19.22	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.54	93	15115	18.84	ng/ul	95
10) 2-Chlorophenol	7.68	128	14452	19.08	ng/ul	94
11) 2-Methylphenol	8.55	108	15283	19.02	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.65	45	24696	20.31	ng/ul#	95
14) Acetophenone	8.95	105	25951	19.30	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.92	70	15879	19.02	ng/ul	96
16) 4-Methylphenol	8.88	108	16852	18.81	ng/ul	99
17) Hexachloroethane	9.21	117	6351	19.26	ng/ul	94
20) Nitrobenzene	9.33	77	23486	19.88	ng/ul	98
21) Isophorone	9.85	82	42239	19.30	ng/ul	97
23) 2-Nitrophenol	10.04	139	8910	19.65	ng/ul	94
24) 2,4-Dimethylphenol	10.09	107	21399	20.15	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.33	93	21890	19.09	ng/ul	99
27) 2,4-Dichlorophenol	10.58	162	14143	19.05	ng/ul	96
28) Naphthalene	10.98	128	49467	19.18	ng/ul	98
30) 4-Chloroaniline	11.09	127	19846	20.22	ng/ul	96
31) Hexachlorobutadiene	11.26	225	9733	19.64	ng/ul	95
32) Caprolactam	11.86	113	5332m	18.63	ng/ul	
33) 4-Chloro-3-methylphenol	12.19	107	20259	20.46	ng/ul	99
34) 2-Methylnaphthalene	12.58	142	35881	19.23	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.80	142	34130	19.52	ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	18114	19.30	ng/ul#	91
38) Hexachlorocyclopentadiene	12.91	237	10792	17.11	ng/ul	99
39) 2,4,6-Trichlorophenol	13.17	196	12724	19.97	ng/ul	99
40) 2,4,5-Trichlorophenol	13.24	196	13836	20.24	ng/ul	85
41) 1,1'-Biphenyl	13.57	154	46353	19.42	ng/ul	98
42) 2-Chloronaphthalene	13.62	162	36985	20.33	ng/ul	94
43) 2-Nitroaniline	13.82	65	16115	20.59	ng/ul	94
45) Dimethylphthalate	14.18	163	47311	19.10	ng/ul	98
46) 2,6-Dinitrotoluene	14.31	165	9742	19.23	ng/ul	98
48) Acenaphthylene	14.46	152	59488	20.04	ng/ul	99
49) 3-Nitroaniline	14.64	138	9105	17.94	ng/ul#	81
50) Acenaphthene	14.80	153	40486	19.88	ng/ul	97
51) 2,4-Dinitrophenol	14.84	184	5664	16.25	ng/ul	90
53) 4-Nitrophenol	14.93	109	10798	19.89	ng/ul	96
54) Dibenzofuran	15.13	168	56035	20.24	ng/ul	98
55) 2,4-Dinitrotoluene	15.09	165	15359	20.46	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.35	232	11990	19.80	ng/ul	99
57) Diethylphthalate	15.54	149	53023	19.47	ng/ul	98
59) Fluorene	15.78	166	47747	19.80	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.76	204	24105	19.91	ng/ul	96
61) 4-Nitroaniline	15.79	138	9412	15.57	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.85	198	8932	16.89	ng/ul	99
65) N-Nitrosodiphenylamine	15.98	169	43092	19.18	ng/ul	97
66) 4-Bromophenyl-phenylether	16.66	248	14015	18.43	ng/ul	95
67) Hexachlorobenzene	16.77	284	13108	17.55	ng/ul	93
68) Atrazine	16.92	200	16292	19.16	ng/ul	96
69) Pentachlorophenol	17.12	266	9016	17.57	ng/ul	91
70) Phenanthrene	17.51	178	77455m	18.89	ng/ul	
72) Anthracene	17.61	178	78821	19.03	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	16992	18.38	ng/uL#	84
74) Pentachlorobenzene	15.05	250	17357	18.89	ng/uL	94
75) Carbazole	17.87	167	68787	19.01	ng/ul	98
76) Di-n-butylphthalate	18.42	149	93858	19.15	ng/ul	100
77) Fluoranthene	19.51	202	89886	18.73	ng/ul	99
80) Pyrene	19.87	202	94124	19.39	ng/ul#	96
81) Butylbenzylphthalate	20.75	149	42255	19.19	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.63	252	27371	17.09	ng/ul	99
83) Benzo(a)anthracene	21.72	228	91855	19.56	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	63069	19.27	ng/ul	95
85) Chrysene	21.78	228	84839	19.35	ng/ul	98
87) Di-n-octyl phthalate	22.83	149	106737	18.75	ng/ul	100
88) Benzo(b)fluoranthene	23.95	252	88091	18.65	ng/ul	99
89) Benzo(k)fluoranthene	24.02	252	87758	19.26	ng/ul	99
91) Benzo(a)pyrene	24.83	252	86658	19.01	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.69	276	94764	19.13	ng/ul	96
93) Dibenzo(a,h)anthracene	28.75	278	80707	18.86	ng/ul	99
94) Benzo(g,h,i)perylene	29.86	276	78531	18.98	ng/ul	97

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

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