Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021865.D
Acq On : 12 May 2016 10:57
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02019

Manual Integrations APPROVED
sohil
5/13/2016 8:10:30 PM

Quant Time: May 13 10:39:43 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 07:33:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	54707	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	286867	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	181613	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	410722	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	397945	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	387490	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	8262	7.29	ng/uL	-0.02
5) Phenol-d5	7.32	99	87967	21.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	42870	21.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	78819	25.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	82715	24.26	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	42676	22.63	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	51166	42.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	90823m	26.96	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	116284	32.05	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	290997	22.81	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	370633	20.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	51534	23.57	ng/ul	0.00
58) Fluorene-d10	15.79	176	260214	19.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	4805	4.22	ng/ul	0.00
71) Anthracene-d10	17.64	188	386987	19.36	ng/ul	0.00
77) Pyrene-d10	19.91	212	382417	20.53	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	365172	19.83	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	15283	7.28	ng/uL#	71
4) Benzaldehyde	7.31	77	48428m	109.75	ng/ul	
6) Phenol	7.35	94	92422	21.41	ng/ul#	68
8) Bis(2-Chloroethyl)ether	7.59	93	69304	19.72	ng/ul#	78
10) 2-Chlorophenol	7.73	128	80396	25.31	ng/ul#	76
11) 2-Methylphenol	8.61	108	74982	22.09	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.70	45	68003	22.04	ng/ul#	85
14) Acetophenone	9.00	105	117763	20.96	ng/ul#	69
15) N-Nitroso-di-n-propylamine	8.98	70	56787	22.38	ng/ul#	76
16) 4-Methylphenol	8.94	108	85772	22.88	ng/ul	83
17) Hexachloroethane	9.27	117	28777	20.45	ng/ul	97
20) Nitrobenzene	9.38	77	77195	21.17	ng/ul#	68
21) Isophorone	9.91	82	186200	21.99	ng/ul#	89
23) 2-Nitrophenol	10.10	139	57879m	40.28	ng/ul	
24) 2,4-Dimethylphenol	10.15	107	87408	24.30	ng/ul#	71
25) Bis(2-Chloroethoxy)methane	10.38	93	105795	20.81	ng/ul	97
27) 2,4-Dichlorophenol	10.64	162	89319	26.03	ng/ul	95
28) Naphthalene	11.05	128	293243	20.38	ng/ul	99
30) 4-Chloroaniline	11.15	127	113100	30.79	ng/ul	98
31) Hexachlorobutadiene	11.32	225	45425	19.60	ng/ul	98
32) Caprolactam	11.92	113	37269m	25.68	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	87693m	25.27	ng/ul	
34) 2-Methylnaphthalene	12.64	142	223216	21.08	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.86	142	219222	20.87	ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	13.00	216	106800	21.21	ng/ul#	90
38) Hexachlorocyclopentadiene	12.97	237	59449	23.22	ng/ul#	97
39) 2,4,6-Trichlorophenol	13.23	196	81298	33.81	ng/ul	96
40) 2,4,5-Trichlorophenol	13.31	196	88690m	26.34	ng/ul	
41) 1,1'-Biphenyl	13.63	154	290602	20.54	ng/ul	96
42) 2-Chloronaphthalene	13.68	162	218121	20.33	ng/ul	94
43) 2-Nitroaniline	13.88	65	44927m	25.46	ng/ul	
45) Dimethylphthalate	14.24	163	289482	22.28	ng/ul	98
46) 2,6-Dinitrotoluene	14.37	165	62631	24.42	ng/ul#	61
48) Acenaphthylene	14.52	152	384525	20.69	ng/ul	100
49) 3-Nitroaniline	14.70	138	68419	23.54	ng/ul#	64
50) Acenaphthene	14.86	153	260125	20.18	ng/ul	99
53) 4-Nitrophenol	15.00	109	22810m	22.89	ng/ul	
54) Dibenzofuran	15.20	168	346412m	20.04	ng/ul	
55) 2,4-Dinitrotoluene	15.15	165	84280	23.74	ng/ul#	54
56) 2,3,4,6-Tetrachlorophenol	15.42	232	59880	25.19	ng/ul#	86
57) Diethylphthalate	15.60	149	292749	23.11	ng/ul	98
59) Fluorene	15.84	166	296285	19.82	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.83	204	139361	20.66	ng/ul#	88
61) 4-Nitroaniline	15.87	138	65499m	19.72	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.92	198	4471	3.61	ng/ul#	98
65) N-Nitrosodiphenylamine	16.04	169	249960	20.84	ng/ul	94
66) 4-Bromophenyl-phenylether	16.72	248	86572	20.13	ng/ul#	81
67) Hexachlorobenzene	16.84	284	105422	21.27	ng/ul#	81
68) Atrazine	16.98	200	88653	25.73	ng/ul	97
69) Pentachlorophenol	17.19	266	7460	3.94	ng/ul	93
70) Phenanthrene	17.59	178	456639	20.34	ng/ul	97
72) Anthracene	17.67	178	451788	19.81	ng/ul	100
73) Carbazole	17.95	167	415317	21.00	ng/ul#	96
74) Di-n-butylphthalate	18.49	149	493493	27.46	ng/ul#	96
75) Fluoranthene	19.58	202	487826	19.12	ng/ul	95
78) Pyrene	19.94	202	495287m	21.51	ng/ul	
79) Butylbenzylphthalate	20.82	149	209360	41.14	ng/ul#	78
80) 3,3'-Dichlorobenzidine	21.72	252	166540	25.33	ng/ul	99
81) Benzo(a)anthracene	21.81	228	455129	20.55	ng/ul	98
82) Bis(2-ethylhexyl)phthalate	21.69	149	312747	37.64	ng/ul	95
83) Chrysene	21.88	228	450190	20.55	ng/ul	97
85) Di-n-octyl phthalate	22.95	149	519924	32.55	ng/ul	100
86) Benzo(b)fluoranthene	24.10	252	455543	20.54	ng/ul#	96
87) Benzo(k)fluoranthene	24.17	252	458288	19.30	ng/ul#	97
89) Benzo(a)pyrene	25.01	252	446857	20.24	ng/ul#	96
90) Indeno(1,2,3-cd)pyrene	28.99	276	547716m	20.93	ng/ul	
91) Dibenzo(a,h)anthracene	29.06	278	447655	20.56	ng/ul#	95
92) Benzo(g,h,i)perylene	30.18	276	439709	20.36	ng/ul#	90

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

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