Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051517\
Data File : BG026979.D
Acq On : 16 May 2017 7:42
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 16 09:33:04 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 01:49:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	156860	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	751700	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	412179	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	780472	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	711182	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	741456	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	28459	8.17	ng/uL	0.00
5) Phenol-d5	7.18	99	310838	22.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	178662	21.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	245561	20.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	253933	21.86	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	125902	20.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	143140	20.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	226290	20.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	307017	21.12	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	664023	20.01	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	875665	21.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	94712	15.84	ng/ul	0.00
57) Fluorene-d10	15.61	176	575800	19.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.74	200	82015	17.31	ng/ul	0.00
70) Anthracene-d10	17.45	188	790049	20.86	ng/ul	0.00
76) Pyrene-d10	19.73	212	754530	20.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.54	264	713595	20.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	29835	7.51	ng/uL#	84
4) Benzaldehyde	7.14	77	144194	21.31	ng/ul#	73
6) Phenol	7.21	94	320841	22.61	ng/ul#	74
8) Bis(2-Chloroethyl)ether	7.42	93	225694	20.60	ng/ul	90
10) 2-Chlorophenol	7.57	128	243231	20.80	ng/ul#	83
11) 2-Methylphenol	8.46	108	244664	21.79	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.54	45	256368	22.43	ng/ul#	88
14) Acetophenone	8.82	105	365841	21.44	ng/ul#	73
15) N-Nitroso-di-n-propylamine	8.80	70	172008	20.43	ng/ul#	69
16) 4-Methylphenol	8.78	108	268346	21.85	ng/ul	98
17) Hexachloroethane	9.08	117	84969	19.32	ng/ul#	70
20) Nitrobenzene	9.20	77	251779	20.77	ng/ul#	80
21) Isophorone	9.72	82	474652	20.39	ng/ul#	91
23) 2-Nitrophenol	9.92	139	148212	20.63	ng/ul#	59
24) 2,4-Dimethylphenol	9.98	107	278423	21.26	ng/ul#	84
25) Bis(2-Chloroethoxy)methane	10.20	93	317585	19.98	ng/ul#	96
27) 2,4-Dichlorophenol	10.46	162	228058	21.06	ng/ul	96
28) Naphthalene	10.85	128	800248	20.45	ng/ul	98
30) 4-Chloroaniline	10.96	127	295130	21.53	ng/ul	93
31) Hexachlorobutadiene	11.14	225	105342	19.23	ng/ul	93
32) Caprolactam	11.71	113	84950	20.99	ng/ul#	70
33) 4-Chloro-3-methylphenol	12.09	107	269486	22.95	ng/ul	88
34) 2-Methylnaphthalene	12.45	142	593929	20.45	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.82	216	223870	20.60	ng/ul	97
37) Hexachlorocyclopentadiene	12.80	237	26422	5.52	ng/ul	98
38) 2,4,6-Trichlorophenol	13.06	196	155399	20.79	ng/ul	95
39) 2,4,5-Trichlorophenol	13.14	196	158921	20.56	ng/ul	95
40) 1,1'-Biphenyl	13.45	154	709837	20.49	ng/ul#	96
41) 2-Chloronaphthalene	13.50	162	541491	20.79	ng/ul	97
42) 2-Nitroaniline	13.70	65	169650	22.80	ng/ul#	72
44) Dimethylphthalate	14.06	163	648978	19.98	ng/ul	98
45) 2,6-Dinitrotoluene	14.19	165	139994	20.42	ng/ul#	86
47) Acenaphthylene	14.34	152	878763	20.70	ng/ul	98
48) 3-Nitroaniline	14.52	138	155544	21.57	ng/ul	79
49) Acenaphthene	14.68	153	603339	20.43	ng/ul	97
50) 2,4-Dinitrophenol	14.74	184	40270m	11.49	ng/ul	
52) 4-Nitrophenol	14.85	109	56004	15.97	ng/ul#	31
53) Dibenzofuran	15.01	168	800619	20.37	ng/ul	95
54) 2,4-Dinitrotoluene	14.98	165	194722	19.85	ng/ul#	75
55) 2,3,4,6-Tetrachlorophenol	15.25	232	115212	18.98	ng/ul#	78
56) Diethylphthalate	15.42	149	683350	20.10	ng/ul	100
58) Fluorene	15.66	166	647934	20.20	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.65	204	276618	19.78	ng/ul	93
60) 4-Nitroaniline	15.68	138	154751	19.46	ng/ul#	48
63) 4,6-Dinitro-2-methylphenol	15.75	198	88225	17.87	ng/ul#	93
64) N-Nitrosodiphenylamine	15.86	169	550308	21.45	ng/ul	96
65) 4-Bromophenyl-phenylether	16.53	248	165564	21.26	ng/ul#	83
66) Hexachlorobenzene	16.67	284	169356	20.19	ng/ul#	90
67) Atrazine	16.80	200	172320	21.49	ng/ul	91
68) Pentachlorophenol	17.02	266	64746	16.90	ng/ul	95
69) Phenanthrene	17.39	178	904236	20.57	ng/ul	98
71) Anthracene	17.49	178	948298	21.02	ng/ul	99
72) Carbazole	17.75	167	865458	22.69	ng/ul	98
73) Di-n-butylphthalate	18.30	149	1102979	22.23	ng/ul#	97
74) Fluoranthene	19.40	202	936929	22.95	ng/ul#	82
77) Pyrene	19.76	202	964039	20.20	ng/ul#	76
78) Butylbenzylphthalate	20.63	149	502806	22.69	ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.49	252	309889	22.66	ng/ul#	96
80) Benzo(a)anthracene	21.58	228	864930	20.79	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.48	149	718509	22.72	ng/ul#	97
82) Chrysene	21.64	228	796646	20.62	ng/ul	99
84) Di-n-octyl phthalate	22.65	149	1250961	24.55	ng/ul	100
85) Benzo(b)fluoranthene	23.76	252	857618	20.24	ng/ul#	93
86) Benzo(k)fluoranthene	23.82	252	872833	20.97	ng/ul#	93
88) Benzo(a)pyrene	24.61	252	837336	20.08	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	28.37	276	798088	16.15	ng/ul#	82
90) Dibenzo(a,h)anthracene	28.41	278	735086	17.54	ng/ul#	86
91) Benzo(g,h,i)perylene	29.50	276	575289	14.03	ng/ul#	79

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

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