Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051517\
Data File : BG026957.D
Acq On : 15 May 2017 17:08
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02087

Quant Time: May 16 04:25:56 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	8.01	152	158442	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	765055	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	403672	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	758025	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	673087	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	674318	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	27489	7.81	ng/uL	0.00
5) Phenol-d5	7.18	99	314924	22.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	186401	22.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	254850	21.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	255072	21.73	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	129583	20.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	142206	20.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	228284	20.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	330630	22.35	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	651419	20.05	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	855222	20.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	92137	15.73	ng/ul	0.00
57) Fluorene-d10	15.60	176	563280	19.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	80185	17.42	ng/ul	0.00
70) Anthracene-d10	17.45	188	755176	20.53	ng/ul	0.00
76) Pyrene-d10	19.73	212	717175	20.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.55	264	681843	21.39	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	29798	7.42	ng/uL#	86
4) Benzaldehyde	7.14	77	150408	22.01	ng/ul#	71
6) Phenol	7.21	94	321392	22.42	ng/ul#	76
8) Bis(2-Chloroethyl)ether	7.42	93	234457	21.19	ng/ul	94
10) 2-Chlorophenol	7.58	128	249331	21.11	ng/ul#	82
11) 2-Methylphenol	8.45	108	249714	22.01	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.54	45	280482	24.29	ng/ul#	89
14) Acetophenone	8.82	105	369308	21.42	ng/ul#	77
15) N-Nitroso-di-n-propylamine	8.81	70	177555	20.88	ng/ul#	72
16) 4-Methylphenol	8.79	108	269458	21.72	ng/ul	97
17) Hexachloroethane	9.09	117	88965	20.03	ng/ul#	69
20) Nitrobenzene	9.21	77	263326m	21.34	ng/ul	
21) Isophorone	9.73	82	497368	20.99	ng/ul#	91
23) 2-Nitrophenol	9.92	139	153503	20.99	ng/ul#	61
24) 2,4-Dimethylphenol	9.98	107	286171	21.47	ng/ul#	83
25) Bis(2-Chloroethoxy)methane	10.20	93	327917	20.27	ng/ul	92
27) 2,4-Dichlorophenol	10.46	162	225313	20.44	ng/ul	97
28) Naphthalene	10.86	128	804881	20.21	ng/ul	99
30) 4-Chloroaniline	10.96	127	313981	22.50	ng/ul	95
31) Hexachlorobutadiene	11.14	225	110022	19.74	ng/ul	89
32) Caprolactam	11.71	113	85057	20.65	ng/ul#	69
33) 4-Chloro-3-methylphenol	12.10	107	267099	22.35	ng/ul	87
34) 2-Methylnaphthalene	12.45	142	587631	19.88	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.82	216	221991	20.86	ng/ul	95
37) Hexachlorocyclopentadiene	12.80	237	97987	20.90	ng/ul	98
38) 2,4,6-Trichlorophenol	13.07	196	152770	20.87	ng/ul	94
39) 2,4,5-Trichlorophenol	13.15	196	156952	20.74	ng/ul	96
40) 1,1'-Biphenyl	13.45	154	697387	20.55	ng/ul#	96
41) 2-Chloronaphthalene	13.50	162	532850	20.89	ng/ul	94
42) 2-Nitroaniline	13.70	65	172735	23.70	ng/ul#	77
44) Dimethylphthalate	14.06	163	639247	20.10	ng/ul	100
45) 2,6-Dinitrotoluene	14.19	165	136969	20.40	ng/ul#	84
47) Acenaphthylene	14.34	152	870248	20.93	ng/ul	99
48) 3-Nitroaniline	14.52	138	152497	21.59	ng/ul#	79
49) Acenaphthene	14.68	153	585481	20.25	ng/ul	97
50) 2,4-Dinitrophenol	14.74	184	84803	24.71	ng/ul#	76
52) 4-Nitrophenol	14.85	109	57789	16.82	ng/ul#	36
53) Dibenzofuran	15.02	168	774588	20.12	ng/ul	94
54) 2,4-Dinitrotoluene	14.98	165	188515	19.62	ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	15.25	232	112484	18.92	ng/ul#	82
56) Diethylphthalate	15.42	149	673175	20.22	ng/ul	99
58) Fluorene	15.66	166	621405	19.78	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.65	204	269369	19.67	ng/ul#	92
60) 4-Nitroaniline	15.68	138	151285	19.43	ng/ul#	48
63) 4,6-Dinitro-2-methylphenol	15.75	198	82427	17.19	ng/ul#	91
64) N-Nitrosodiphenylamine	15.86	169	522739	20.98	ng/ul	96
65) 4-Bromophenyl-phenylether	16.54	248	158248	20.92	ng/ul#	81
66) Hexachlorobenzene	16.67	284	161715	19.85	ng/ul#	86
67) Atrazine	16.80	200	165147	21.21	ng/ul#	93
68) Pentachlorophenol	17.02	266	59604	16.02	ng/ul	95
69) Phenanthrene	17.40	178	869523	20.36	ng/ul	99
71) Anthracene	17.49	178	907656	20.72	ng/ul	100
72) Carbazole	17.75	167	824249	22.25	ng/ul	97
73) Di-n-butylphthalate	18.30	149	1083082	22.47	ng/ul#	97
74) Fluoranthene	19.40	202	890509	22.46	ng/ul#	79
77) Pyrene	19.76	202	921580	20.41	ng/ul#	76
78) Butylbenzylphthalate	20.63	149	488322	23.28	ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.49	252	305646	23.62	ng/ul#	93
80) Benzo(a)anthracene	21.59	228	817382	20.76	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.47	149	701102	23.42	ng/ul#	97
82) Chrysene	21.64	228	761502	20.82	ng/ul	99
84) Di-n-octyl phthalate	22.65	149	1207764	26.06	ng/ul	100
85) Benzo(b)fluoranthene	23.76	252	841616	21.84	ng/ul#	93
86) Benzo(k)fluoranthene	23.82	252	829584	21.91	ng/ul#	93
88) Benzo(a)pyrene	24.62	252	822643	21.69	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	28.38	276	777412	17.29	ng/ul#	82
90) Dibenzo(a,h)anthracene	28.43	278	737845	19.36	ng/ul#	84
91) Benzo(g,h,i)perylene	29.51	276	604513	16.21	ng/ul#	83

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

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