Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052217\
Data File : BG027060.D
Acq On : 22 May 2017 16:15
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02054

Quant Time: May 22 18:13:38 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 17 05:12:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	172415	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	818524	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	420485	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.36	188	797583	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	713314	20.00	ng/ul	0.00
83) Perylene-d12	24.78	264	661388	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	27928	7.29	ng/uL	0.00
5) Phenol-d5	7.19	99	339624	22.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	195538	21.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	276157	21.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	274167	21.47	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	140954	20.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	158273	21.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	250009	21.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	351507	22.21	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	689405	20.37	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	903645	21.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.85	143	97683	16.01	ng/ul	0.01
57) Fluorene-d10	15.61	176	597198	20.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.74	200	85209	17.59	ng/ul	0.00
70) Anthracene-d10	17.46	188	802530	20.73	ng/ul	0.00
76) Pyrene-d10	19.74	212	761460	20.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.56	264	669951	21.42	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	30978	7.09	ng/uL#	77
4) Benzaldehyde	7.14	77	157031	21.12	ng/ul#	62
6) Phenol	7.22	94	339866	21.79	ng/ul#	77
8) Bis(2-Chloroethyl)ether	7.42	93	246806	20.50	ng/ul	92
10) 2-Chlorophenol	7.58	128	267804	20.83	ng/ul#	82
11) 2-Methylphenol	8.46	108	267768	21.69	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.54	45	279892	22.27	ng/ul#	90
14) Acetophenone	8.83	105	392153	20.91	ng/ul#	73
15) N-Nitroso-di-n-propylamine	8.81	70	183181	19.79	ng/ul#	70
16) 4-Methylphenol	8.79	108	290650	21.53	ng/ul	96
17) Hexachloroethane	9.08	117	95373	19.73	ng/ul#	70
20) Nitrobenzene	9.21	77	279725	21.19	ng/ul#	79
21) Isophorone	9.73	82	510695	20.15	ng/ul#	90
23) 2-Nitrophenol	9.92	139	161809	20.68	ng/ul#	59
25) Bis(2-Chloroethoxy)methane	10.21	93	347210	20.06	ng/ul#	95
27) 2,4-Dichlorophenol	10.47	162	245762	20.84	ng/ul	96
28) Naphthalene	10.86	128	864891	20.30	ng/ul	98
30) 4-Chloroaniline	10.96	127	322474	21.60	ng/ul	94
31) Hexachlorobutadiene	11.14	225	118316	19.84	ng/ul	94
32) Caprolactam	11.72	113	89152	20.23	ng/ul#	67
33) 4-Chloro-3-methylphenol	12.10	107	281305	22.00	ng/ul	86
34) 2-Methylnaphthalene	12.46	142	635557	20.10	ng/ul	97
36) 1,2,4,5-Tetrachlorobenzene	12.83	216	237457	21.42	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
37) Hexachlorocyclopentadiene	12.80	237	72606	14.87 ng/ul	96
38) 2,4,6-Trichlorophenol	13.07	196	165657	21.72 ng/ul	96
39) 2,4,5-Trichlorophenol	13.15	196	168361	21.36 ng/ul	95
40) 1,1'-Biphenyl	13.45	154	746162	21.11 ng/ul	94
41) 2-Chloronaphthalene	13.50	162	563148	21.19 ng/ul	96
42) 2-Nitroaniline	13.71	65	179841	23.69 ng/ul#	71
44) Dimethylphthalate	14.07	163	661899	19.98 ng/ul	99
45) 2,6-Dinitrotoluene	14.20	165	148898	21.29 ng/ul#	87
47) Acenaphthylene	14.34	152	912181	21.06 ng/ul	100
48) 3-Nitroaniline	14.52	138	161689	21.98 ng/ul#	79
49) Acenaphthene	14.68	153	621373	20.63 ng/ul	97
50) 2,4-Dinitrophenol	14.75	184	89299	24.98 ng/ul#	76
52) 4-Nitrophenol	14.86	109	58129	16.25 ng/ul#	42
53) Dibenzofuran	15.02	168	817232	20.38 ng/ul	95
54) 2,4-Dinitrotoluene	14.99	165	203191	20.30 ng/ul#	75
55) 2,3,4,6-Tetrachlorophenol	15.25	232	113289	18.29 ng/ul#	75
56) Diethylphthalate	15.42	149	706384	20.37 ng/ul	99
58) Fluorene	15.66	166	655683	20.04 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.65	204	285550	20.01 ng/ul	95
60) 4-Nitroaniline	15.69	138	162460	20.03 ng/ul#	49
63) 4,6-Dinitro-2-methylphenol	15.76	198	90152	17.87 ng/ul#	87
64) N-Nitrosodiphenylamine	15.86	169	558274	21.29 ng/ul	96
65) 4-Bromophenyl-phenylether	16.54	248	168088	21.12 ng/ul#	86
66) Hexachlorobenzene	16.67	284	173709	20.27 ng/ul#	91
67) Atrazine	16.80	200	174718	21.33 ng/ul#	94
68) Pentachlorophenol	17.02	266	61553	15.73 ng/ul	91
69) Phenanthrene	17.40	178	926228	20.61 ng/ul	99
71) Anthracene	17.49	178	957752	20.78 ng/ul	99
72) Carbazole	17.76	167	879070	22.55 ng/ul	98
73) Di-n-butylphthalate	18.30	149	1143517	22.55 ng/ul#	96
74) Fluoranthene	19.40	202	961600	23.05 ng/ul#	79
77) Pyrene	19.77	202	968637	20.24 ng/ul#	76
78) Butylbenzylphthalate	20.63	149	516698	23.25 ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.50	252	326897	23.84 ng/ul#	97
80) Benzo(a)anthracene	21.59	228	864804	20.73 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.47	149	740773	23.35 ng/ul#	99
82) Chrysene	21.65	228	798013	20.59 ng/ul	99
84) Di-n-octyl phthalate	22.66	149	1279848	28.16 ng/ul	100
85) Benzo(b)fluoranthene	23.77	252	789998	20.90 ng/ul#	93
86) Benzo(k)fluoranthene	23.83	252	884878	23.83 ng/ul#	93
88) Benzo(a)pyrene	24.62	252	811954	21.83 ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	28.39	276	605293	13.73 ng/ul#	83
90) Dibenzo(a,h)anthracene	28.44	278	553783	14.81 ng/ul#	84
91) Benzo(g,h,i)perylene	29.53	276	397151	10.86 ng/ul#	83

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

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