Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
Data File : BG039695.D
Acq On : 1 Mar 2019 20:20
Operator : JU/SJ
Sample : PB117532BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117532BS

Quant Time: Mar 02 03:13:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 06:15:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	59353	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	275485	20.00	ng		0.00
39) Acenaphthene-d10	14.79	164	185082	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	384560	20.00	ng		0.00
76) Chrysene-d12	21.82	240	362191	20.00	ng		0.00
87) Perylene-d12	25.20	264	371517	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	512488	147.78	ng		0.00
7) Phenol-d6	7.31	99	743233	145.60	ng		0.00
23) Nitrobenzene-d5	9.35	82	436707	99.03	ng		0.00
42) 2,4,6-Tribromophenol	16.28	330	256164	128.53	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	1054417	81.73	ng		0.00
79) Terphenyl-d14	20.13	244	1306573	76.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	49204	32.436	ng		92
3) Pyridine	4.00	79	141442	35.217	ng		97
4) n-Nitrosodimethylamine	3.92	42	81719	40.685	ng		88
6) Aniline	7.49	93	146170	22.861	ng		97
8) 2-Chlorophenol	7.72	128	182647	48.183	ng		98
9) Benzaldehyde	7.31	77	78199	28.102	ng		98
10) Phenol	7.34	94	251948	47.348	ng		96
11) bis(2-Chloroethyl)ether	7.58	93	169565	40.327	ng		97
12) 1,3-Dichlorobenzene	8.05	146	181650	39.557	ng		99
13) 1,4-Dichlorobenzene	8.20	146	185977	40.632	ng		97
14) 1,2-Dichlorobenzene	8.52	146	178838	40.361	ng		99
15) Benzyl Alcohol	8.40	79	181280	45.235	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	332440	35.011	ng		98
17) 2-Methylphenol	8.60	107	166714	48.414	ng		96
18) Hexachloroethane	9.25	117	63114	40.080	ng		96
19) n-Nitroso-di-n-propylamine	8.97	70	147899	40.822	ng		94
20) 3+4-Methylphenols	8.93	107	230471	48.603	ng		99
22) Acetophenone	8.99	105	277205	37.460	ng	#	95
24) Nitrobenzene	9.39	77	216662	45.479	ng		96
25) Isophorone	9.90	82	421827	43.167	ng		99
26) 2-Nitrophenol	10.09	139	108843	55.496	ng		97
27) 2,4-Dimethylphenol	10.14	122	191587	48.466	ng		95
28) bis(2-Chloroethoxy)methane	10.38	93	256097	42.548	ng		97
29) 2,4-Dichlorophenol	10.63	162	207615	48.055	ng		99
30) 1,2,4-Trichlorobenzene	10.84	180	199307	41.090	ng		99
31) Naphthalene	11.04	128	578176	42.306	ng		99
32) Benzoic acid	10.26	122	82496	34.901	ng		99
33) 4-Chloroaniline	11.15	127	69961	11.040	ng		95
34) Hexachlorobutadiene	11.30	225	130221	40.369	ng		96
35) Caprolactam	11.94	113	66838	37.386	ng		90
36) 4-Chloro-3-methylphenol	12.25	107	220186	44.068	ng		97
37) 2-Methylnaphthalene	12.63	142	442683	43.734	ng		99
38) 1-Methylnaphthalene	12.85	142	426394	43.700	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	243835	41.407	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	318472	99.247	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	170809	47.175	ng		97
44) 2,4,5-Trichlorophenol	13.30	196	178060	46.922	ng		99
46) 1,1'-Biphenyl	13.62	154	590454	38.343	ng		98
47) 2-Chloronaphthalene	13.68	162	462674	39.939	ng		99
48) 2-Nitroaniline	13.88	65	154377	46.668	ng		97
49) Acenaphthylene	14.52	152	732113	41.883	ng		98
50) Dimethylphthalate	14.24	163	603170	40.351	ng		100
51) 2,6-Dinitrotoluene	14.37	165	133972	47.961	ng		98
52) Acenaphthene	14.86	154	441720	38.929	ng		98
53) 3-Nitroaniline	14.70	138	58794	22.943	ng		99
54) 2,4-Dinitrophenol	14.90	184	61017	57.416	ng		97
55) Dibenzofuran	15.19	168	716632	39.391	ng		98
56) 4-Nitrophenol	15.00	139	182883	68.560	ng		91
57) 2,4-Dinitrotoluene	15.15	165	178661	49.611	ng	#	86
58) Fluorene	15.83	166	552484	40.738	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	163338	45.970	ng		98
60) Diethylphthalate	15.58	149	583039	37.725	ng		97
61) 4-Chlorophenyl-phenylether	15.82	204	299979	39.064	ng		99
62) 4-Nitroaniline	15.87	138	123114	40.040	ng		94
63) Azobenzene	16.11	77	524219	34.703	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	72014	47.669	ng		95
66) n-Nitrosodiphenylamine	16.04	169	495764	42.398	ng		100
67) 4-Bromophenyl-phenylether	16.71	248	188136	44.099	ng		95
68) Hexachlorobenzene	16.82	284	188509	44.041	ng		98
69) Atrazine	16.97	200	164848	38.578	ng		96
70) Pentachlorophenol	17.17	266	212734	71.509	ng		96
71) Phenanthrene	17.58	178	823873	41.393	ng		99
72) Anthracene	17.67	178	844320	43.066	ng		100
73) Carbazole	17.94	167	702372	35.898	ng		99
74) Di-n-butylphthalate	18.46	149	838051	36.715	ng		99
75) Fluoranthene	19.57	202	930325	40.270	ng		100
77) Benzidine	19.76	184	179526	15.118	ng		99
78) Pyrene	19.94	202	935362	41.484	ng		99
80) Butylbenzylphthalate	20.80	149	400776	42.137	ng		96
81) Benzo(a)anthracene	21.80	228	926288	43.281	ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	160929	20.279	ng		98
83) Chrysene	21.87	228	861044	42.264	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	560305	41.292	ng		100
85) Di-n-octyl phthalate	22.92	149	952774	42.501	ng		96
86) Indeno(1,2,3-cd)pyrene	29.08	276	1021451	46.730	ng		98
88) Benzo(b)fluoranthene	24.11	252	899987	44.420	ng		98
89) Benzo(k)fluoranthene	24.19	252	881191	43.320	ng		98
90) Benzo(a)pyrene	25.04	252	880772	45.138	ng		98
91) Dibenzo(a,h)anthracene	29.15	278	831591	45.508	ng		99
92) Benzo(g,h,i)perylene	30.31	276	828544	45.490	ng		97

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

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