Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040118.D
Acq On : 25 Mar 2019 15:32
Operator : JU/SJ
Sample : PB118232BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118232BSD

Quant Time: Mar 26 02:51:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	34431	20.00	ng		-0.03
21) Naphthalene-d8	10.96	136	148332	20.00	ng		-0.03
39) Acenaphthene-d10	14.77	164	105500	20.00	ng		-0.02
64) Phenanthrene-d10	17.51	188	273770	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	273101	20.00	ng		-0.03
87) Perylene-d12	25.16	264	279849	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	246250	122.01	ng		-0.02
7) Phenol-d6	7.29	99	352187	117.03	ng		-0.02
23) Nitrobenzene-d5	9.32	82	202678	73.90	ng		-0.03
42) 2,4,6-Tribromophenol	16.26	330	150283	122.21	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	522050	70.46	ng		-0.03
79) Terphenyl-d14	20.10	244	911451	73.48	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	27960	30.008	ng		94
3) Pyridine	3.98	79	72695	29.142	ng		97
4) n-Nitrosodimethylamine	3.90	42	37986	32.100	ng	#	79
6) Aniline	7.47	93	55466	14.068	ng		99
8) 2-Chlorophenol	7.70	128	86917	35.498	ng		96
9) Benzaldehyde	7.28	77	20717	10.672	ng		96
10) Phenol	7.31	94	119475	36.649	ng		98
11) bis(2-Chloroethyl)ether	7.56	93	82822	32.585	ng		95
12) 1,3-Dichlorobenzene	8.03	146	90704	32.755	ng		99
13) 1,4-Dichlorobenzene	8.18	146	92057	32.637	ng		98
14) 1,2-Dichlorobenzene	8.50	146	89171	32.720	ng		97
15) Benzyl Alcohol	8.38	79	80297	33.638	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	151401	29.783	ng		97
17) 2-Methylphenol	8.57	107	76556	36.829	ng		98
18) Hexachloroethane	9.22	117	32428	32.041	ng		98
19) n-Nitroso-di-n-propylamine	8.94	70	66343	30.629	ng		92
20) 3+4-Methylphenols	8.90	107	104031	36.024	ng		97
22) Acetophenone	8.97	105	128008	32.153	ng	#	94
24) Nitrobenzene	9.36	77	99564	34.604	ng		98
25) Isophorone	9.87	82	190296	33.114	ng		98
26) 2-Nitrophenol	10.07	139	49899	35.920	ng		96
27) 2,4-Dimethylphenol	10.11	122	90259	41.776	ng		97
28) bis(2-Chloroethoxy)methane	10.35	93	117712	33.707	ng		95
29) 2,4-Dichlorophenol	10.60	162	95212	39.141	ng		97
30) 1,2,4-Trichlorobenzene	10.82	180	94473	34.514	ng		99
31) Naphthalene	11.01	128	269718	34.343	ng		99
32) Benzoic acid	10.25	122	44819	32.658	ng		94
33) 4-Chloroaniline	11.13	127	37115	11.145	ng		98
34) Hexachlorobutadiene	11.27	225	63212	33.795	ng		92
35) Caprolactam	11.90	113	33256	35.789	ng	#	83
36) 4-Chloro-3-methylphenol	12.23	107	106799	38.300	ng		98
37) 2-Methylnaphthalene	12.61	142	209278	35.643	ng		99
38) 1-Methylnaphthalene	12.82	142	198539	34.795	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	117072	32.756	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	152899	79.828	ng		100
43) 2,4,6-Trichlorophenol	13.20	196	81104	38.760	ng		99
44) 2,4,5-Trichlorophenol	13.28	196	91126	38.636	ng		97
46) 1,1'-Biphenyl	13.60	154	284875	32.830	ng		99
47) 2-Chloronaphthalene	13.65	162	223058	34.170	ng		98
48) 2-Nitroaniline	13.86	65	76479	36.456	ng		91
49) Acenaphthylene	14.49	152	362960	33.871	ng		99
50) Dimethylphthalate	14.21	163	307733	34.883	ng		99
51) 2,6-Dinitrotoluene	14.35	165	68246	36.492	ng		96
52) Acenaphthene	14.83	154	219550	34.040	ng		98
53) 3-Nitroaniline	14.68	138	29716	15.807	ng	#	98
54) 2,4-Dinitrophenol	14.89	184	70511	61.114	ng		95
55) Dibenzofuran	15.16	168	370714	35.032	ng		98
56) 4-Nitrophenol	14.98	139	116705	69.396	ng	#	85
57) 2,4-Dinitrotoluene	15.13	165	101334	38.562	ng		88
58) Fluorene	15.81	166	293453	35.275	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	90286	39.196	ng		98
60) Diethylphthalate	15.56	149	316008	36.186	ng		100
61) 4-Chlorophenyl-phenylether	15.80	204	156522	35.259	ng		95
62) 4-Nitroaniline	15.84	138	72239	35.445	ng		89
63) Azobenzene	16.09	77	280971	35.493	ng		96
65) 4,6-Dinitro-2-methylphenol	15.89	198	57516	35.532	ng		95
66) n-Nitrosodiphenylamine	16.01	169	278025	35.079	ng		97
67) 4-Bromophenyl-phenylether	16.69	248	103669	33.830	ng		96
68) Hexachlorobenzene	16.81	284	109806	34.569	ng		95
69) Atrazine	16.95	200	114473	36.699	ng		96
70) Pentachlorophenol	17.15	266	132804	66.200	ng		99
71) Phenanthrene	17.55	178	517497	34.318	ng		99
72) Anthracene	17.65	178	528213	35.945	ng		99
73) Carbazole	17.92	167	463398	34.980	ng		99
74) Di-n-butylphthalate	18.45	149	568640	36.482	ng		100
75) Fluoranthene	19.56	202	629402	35.317	ng		98
77) Benzidine	19.74	184	127829	14.750	ng		97
78) Pyrene	19.92	202	631660	35.594	ng		99
80) Butylbenzylphthalate	20.78	149	251401	36.565	ng		92
81) Benzo(a)anthracene	21.78	228	588955	34.410	ng		99
82) 3,3'-Dichlorobenzidine	21.69	252	106690	17.073	ng		96
83) Chrysene	21.85	228	565195	34.061	ng		98
84) Bis(2-ethylhexyl)phthalate	21.64	149	350083	36.235	ng		100
85) Di-n-octyl phthalate	22.89	149	595840	37.246	ng	#	94
86) Indeno(1,2,3-cd)pyrene	29.01	276	657357	34.920	ng	#	93
88) Benzo(b)fluoranthene	24.08	252	585787	35.102	ng		97
89) Benzo(k)fluoranthene	24.15	252	573311	36.907	ng		99
90) Benzo(a)pyrene	25.00	252	569202	36.912	ng		99
91) Dibenzo(a,h)anthracene	29.08	278	536369	35.480	ng		98
92) Benzo(g,h,i)perylene	30.23	276	542475	35.729	ng		96

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

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