Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100819\
Data File : BG043093.D
Acq On : 8 Oct 2019 19:56
Operator : JU
Sample : PB123740BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB123740BS

Quant Time: Oct 09 02:20:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	48453	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	187383	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	138816	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	330237	20.00	ng		0.00
76) Chrysene-d12	21.69	240	356685	20.00	ng		0.00
87) Perylene-d12	24.90	264	404213	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	330532	121.74	ng		0.00
7) Phenol-d6	7.23	99	450653	115.26	ng		0.00
23) Nitrobenzene-d5	9.22	82	226763	58.82	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	286426	119.99	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	596676	62.31	ng		0.00
79) Terphenyl-d14	20.03	244	1181086	70.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	44194	39.041	ng		87
3) Pyridine	3.93	79	110393	34.673	ng		89
4) n-Nitrosodimethylamine	3.85	42	59881	39.111	ng		84
6) Aniline	7.39	93	146191	30.975	ng		98
8) 2-Chlorophenol	7.62	128	128425	45.357	ng		97
9) Benzaldehyde	7.20	77	81060	33.928	ng		90
10) Phenol	7.26	94	160803	44.828	ng		93
11) bis(2-Chloroethyl)ether	7.48	93	116115	41.836	ng		94
12) 1,3-Dichlorobenzene	7.95	146	141125	39.071	ng		96
13) 1,4-Dichlorobenzene	8.09	146	143359	39.814	ng		98
14) 1,2-Dichlorobenzene	8.41	146	140161	40.887	ng		97
15) Benzyl Alcohol	8.29	79	117744	40.056	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	162220	30.434	ng		94
17) 2-Methylphenol	8.51	107	113154	45.082	ng		97
18) Hexachloroethane	9.15	117	52300	38.567	ng		99
19) n-Nitroso-di-n-propylamine	8.86	70	100043	38.968	ng		90
20) 3+4-Methylphenols	8.84	107	152911	44.455	ng		95
22) Acetophenone	8.88	105	190668	39.475	ng		94
24) Nitrobenzene	9.26	77	148704	40.439	ng		98
25) Isophorone	9.78	82	275126	40.628	ng		97
26) 2-Nitrophenol	9.97	139	75574	48.277	ng		99
27) 2,4-Dimethylphenol	10.03	122	122063	50.774	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	152532	39.700	ng		100
29) 2,4-Dichlorophenol	10.52	162	138694	46.388	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	154148	39.924	ng		98
31) Naphthalene	10.91	128	392740	42.577	ng		99
32) Benzoic acid	10.16	122	46535	27.785	ng		94
33) 4-Chloroaniline	11.03	127	59830	14.948	ng		95
34) Hexachlorobutadiene	11.20	225	111478	38.560	ng		99
35) Caprolactam	11.79	113	45966	43.595	ng	#	69
36) 4-Chloro-3-methylphenol	12.14	107	148741	45.754	ng		96
37) 2-Methylnaphthalene	12.51	142	300377	42.686	ng		97
38) 1-Methylnaphthalene	12.73	142	287719	43.211	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	193599	37.092	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	268158	80.636	ng		95
43) 2,4,6-Trichlorophenol	13.12	196	132360	43.327	ng		95
44) 2,4,5-Trichlorophenol	13.19	196	141985	45.117	ng		96
46) 1,1'-Biphenyl	13.51	154	404249	38.401	ng		99
47) 2-Chloronaphthalene	13.56	162	319679	40.504	ng		98
48) 2-Nitroaniline	13.76	65	102407	39.017	ng		88
49) Acenaphthylene	14.40	152	513953	42.557	ng		99
50) Dimethylphthalate	14.13	163	421785	40.552	ng		98
51) 2,6-Dinitrotoluene	14.25	165	97101	43.839	ng		93
52) Acenaphthene	14.74	154	310771	38.444	ng		99
53) 3-Nitroaniline	14.58	138	65695	28.700	ng		97
54) 2,4-Dinitrophenol	14.78	184	46423	33.719	ng		91
55) Dibenzofuran	15.07	168	503366	42.094	ng		99
56) 4-Nitrophenol	14.90	139	151811	87.042	ng		99
57) 2,4-Dinitrotoluene	15.03	165	137123	42.275	ng		95
58) Fluorene	15.72	166	417038	40.849	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	140982	42.074	ng	#	99
60) Diethylphthalate	15.49	149	418989	39.583	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	243044	39.695	ng		99
62) 4-Nitroaniline	15.74	138	95289	38.169	ng		97
63) Azobenzene	16.01	77	375979	39.014	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	53073	28.401	ng		98
66) n-Nitrosodiphenylamine	15.93	169	380846	43.686	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	170662	41.175	ng		98
68) Hexachlorobenzene	16.73	284	194073	42.053	ng		98
69) Atrazine	16.88	200	165076	44.967	ng		97
70) Pentachlorophenol	17.07	266	184753	69.380	ng		98
71) Phenanthrene	17.46	178	678875	42.108	ng		98
72) Anthracene	17.55	178	704778	43.788	ng		98
73) Carbazole	17.82	167	644610	43.189	ng		99
74) Di-n-butylphthalate	18.38	149	736204	41.342	ng		100
75) Fluoranthene	19.47	202	899301	42.172	ng		98
77) Benzidine	19.65	184	535459	59.955	ng		99
78) Pyrene	19.83	202	923848	43.395	ng		99
80) Butylbenzylphthalate	20.72	149	338682	41.912	ng		98
81) Benzo(a)anthracene	21.67	228	944293	42.488	ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	252551	28.973	ng		100
83) Chrysene	21.74	228	905744	41.996	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	489789	42.596	ng		98
85) Di-n-octyl phthalate	22.78	149	823239	43.783	ng		96
86) Indeno(1,2,3-cd)pyrene	28.56	276	1167401	43.479	ng		100
88) Benzo(b)fluoranthene	23.88	252	971875	42.493	ng		100
89) Benzo(k)fluoranthene	23.95	252	981859	43.395	ng		98
90) Benzo(a)pyrene	24.76	252	903390	41.866	ng		98
91) Dibenzo(a,h)anthracene	28.64	278	993135	44.884	ng		99
92) Benzo(g,h,i)perylene	29.72	276	976675	45.556	ng		98

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

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