Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100720\
Data File : BG046798.D
Acq On : 7 Oct 2020 12:22
Operator : CG/JU
Sample : PB132101BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 07 12:57:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 11:38:17 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB132101BS

Manual Integrations APPROVED
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10/8/2020 12:28:38 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.115	152	71073	20.00	ng		0.00
21) Naphthalene-d8	10.923	136	268845	20.00	ng	#	0.00
39) Acenaphthene-d10	14.736	164	184555	20.00	ng		0.00
64) Phenanthrene-d10	17.480	188	457062	20.00	ng	#	0.00
76) Chrysene-d12	21.758	240	539207	20.00	ng	#	0.00
86) Perylene-d12	25.030	264	519834	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.671	112	449623	101.35	ng		0.00
7) Phenol-d6	7.263	99	588862	94.10	ng		0.00
23) Nitrobenzene-d5	9.272	82	410108	81.15	ng		0.00
42) 2,4,6-Tribromophenol	16.217	330	289386	118.92	ng		0.00
45) 2-Fluorobiphenyl	13.362	172	925849	71.02	ng		0.00
79) Terphenyl-d14	20.083	244	1702614	63.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.561	88	95453	46.11	ng	#	94
3) Pyridine	3.961	79	138146	23.59	ng		96
4) n-Nitrosodimethylamine	3.873	42	101845	33.23	ng	#	67
6) Aniline	7.427	93	253382	33.50	ng		95
8) 2-Chlorophenol	7.674	128	183335	41.47	ng		93
9) Benzaldehyde	7.245	77	139058	40.35	ng		91
10) Phenol	7.286	94	239109	38.39	ng		82
11) bis(2-Chloroethyl)ether	7.521	93	169942	35.30	ng		89
12) 1,3-Dichlorobenzene	8.003	146	205116	35.93	ng	#	91
13) 1,4-Dichlorobenzene	8.150	146	203233	35.92	ng		98
14) 1,2-Dichlorobenzene	8.467	146	202557	38.39	ng		96
15) Benzyl Alcohol	8.344	79	188078	36.56	ng		87
16) 2,2'-oxybis(1-Chloropr...	8.638	45	256185	30.33	ng		99
17) 2-Methylphenol	8.544	107	160218	40.06	ng	#	90
18) Hexachloroethane	9.202	117	73888	34.62	ng		93
19) n-Nitroso-di-n-propyla...	8.914	70	148108	34.51	ng		93
20) 3+4-Methylphenols	8.873	107	214133	39.28	ng		91
22) Acetophenone	8.931	105	287575	36.83	ng	#	94
24) Nitrobenzene	9.313	77	230294	41.75	ng	#	87
25) Isophorone	9.836	82	404460	36.67	ng		94
26) 2-Nitrophenol	10.024	139	101687	50.99	ng	#	76
27) 2,4-Dimethylphenol	10.077	122	166380	41.74	ng	#	82
28) bis(2-Chloroethoxy)met...	10.318	93	232874	34.22	ng		97
29) 2,4-Dichlorophenol	10.559	162	195108	40.69	ng		95
30) 1,2,4-Trichlorobenzene	10.782	180	214921	37.55	ng		100
31) Naphthalene	10.970	128	552774	37.91	ng		99
32) Benzoic acid	10.206	122	123269	44.81	ng	#	86
33) 4-Chloroaniline	11.070	127	184467	28.56	ng	#	91
34) Hexachlorobutadiene	11.258	225	152633	36.37	ng		97
35) Caprolactam	11.834	113	65343m	40.23	ng		
36) 4-Chloro-3-methylphenol	12.181	107	208186	40.38	ng		89
37) 2-Methylnaphthalene	12.574	142	417821	38.65	ng		95
38) 1-Methylnaphthalene	12.786	142	392854	39.15	ng		92
40) 1,2,4,5-Tetrachloroben...	12.939	216	260429	39.25	ng	#	96
41) Hexachlorocyclopentadiene	12.915	237	332600	86.19	ng		98
43) 2,4,6-Trichlorophenol	13.168	196	172761	41.41	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.238	196	189592	45.15	ng	#	96
46) 1,1'-Biphenyl	13.573	154	557596	39.30	ng		94
47) 2-Chloronaphthalene	13.614	162	424597	36.83	ng		97
48) 2-Nitroaniline	13.808	65	151294	49.43	ng	#	78
49) Acenaphthylene	14.460	152	664955	39.19	ng		98
50) Dimethylphthalate	14.184	163	563314	38.21	ng		99
51) 2,6-Dinitrotoluene	14.302	165	123256	51.45	ng	#	72
52) Acenaphthene	14.801	154	502946m	43.64	ng		
53) 3-Nitroaniline	14.631	138	103464	38.22	ng		85
54) 2,4-Dinitrophenol	14.836	184	159489	121.90	ng	#	83
55) Dibenzofuran	15.130	168	678081	38.97	ng		95
56) 4-Nitrophenol	14.930	139	229476	102.92	ng	#	72
57) 2,4-Dinitrotoluene	15.083	165	177100	55.83	ng	#	81
58) Fluorene	15.782	166	542623	38.94	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.353	232	187028	44.56	ng	#	93
60) Diethylphthalate	15.547	149	550601	37.15	ng		97
61) 4-Chlorophenyl-phenyle...	15.771	204	312598	39.30	ng		99
62) 4-Nitroaniline	15.788	138	133241	44.33	ng	#	67
63) Azobenzene	16.064	77	533602	36.63	ng		91
65) 4,6-Dinitro-2-methylph...	15.847	198	116347	61.33	ng		78
66) n-Nitrosodiphenylamine	15.982	169	505281	36.80	ng		98
67) 4-Bromophenyl-phenylether	16.664	248	214439	37.13	ng		96
68) Hexachlorobenzene	16.781	284	229545	36.94	ng		94
69) Atrazine	16.928	200	189276	34.31	ng		96
70) Pentachlorophenol	17.122	266	332975	92.83	ng		91
71) Phenanthrene	17.521	178	933523	37.62	ng		97
72) Anthracene	17.610	178	962404	39.30	ng		98
73) Carbazole	17.874	167	857350	38.48	ng		98
74) Di-n-butylphthalate	18.432	149	972383	35.50	ng	#	98
75) Fluoranthene	19.525	202	1277632	40.43	ng		96
77) Benzidine	19.701	184	718929	43.25	ng		99
78) Pyrene	19.883	202	1283727	37.04	ng		99
80) Butylbenzylphthalate	20.765	149	496231	37.05	ng		90
81) Benzo(a)anthracene	21.734	228	1371164	38.09	ng		99
82) 3,3'-Dichlorobenzidine	21.646	252	448453	32.10	ng	#	95
83) Chrysene	21.805	228	1282123	37.27	ng		99
84) Bis(2-ethylhexyl)phtha...	21.640	149	714503	36.32	ng		97
85) Di-n-octyl phthalate	22.880	149	1228032	36.30	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.773	276	1565710	40.71	ng	#	93
88) Benzo(b)fluoranthene	23.990	252	1397078	41.01	ng	#	98
89) Benzo(k)fluoranthene	24.061	252	1319890	40.30	ng	#	98
90) Benzo(a)pyrene	24.878	252	1273686	39.73	ng	#	97
91) Dibenzo(a,h)anthracene	28.843	278	1299516	41.31	ng	#	96
92) Benzo(g,h,i)perylene	29.948	276	1306970	42.48	ng	#	94

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

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