Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100920\
Data File : BG046832.D
Acq On : 9 Oct 2020 13:43
Operator : CG/JU
Sample : PB132096BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 09 14:47:43 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 :
PB132096BSD

Manual Integrations APPROVED
mohammad
10/13/2020 11:07:39 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.108	152	72090	20.00	ng	#	0.00
21) Naphthalene-d8	10.917	136	249722	20.00	ng		0.00
39) Acenaphthene-d10	14.730	164	171402	20.00	ng		0.00
64) Phenanthrene-d10	17.474	188	417924	20.00	ng	#	0.00
76) Chrysene-d12	21.751	240	484026	20.00	ng	#	0.00
86) Perylene-d12	25.012	264	489262	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.670	112	355123	78.92	ng		0.00
7) Phenol-d6	7.256	99	462607	72.88	ng		0.00
23) Nitrobenzene-d5	9.266	82	451931	96.28	ng		0.00
42) 2,4,6-Tribromophenol	16.216	330	216577	95.83	ng		0.00
45) 2-Fluorobiphenyl	13.355	172	1017909	84.07	ng		0.00
79) Terphenyl-d14	20.077	244	1902820	78.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.561	88	58575	27.90	ng	#	90
3) Pyridine	3.960	79	182692	30.76	ng		97
4) n-Nitrosodimethylamine	3.872	42	104873	33.74	ng	#	76
6) Aniline	7.427	93	222737	29.04	ng	#	89
8) 2-Chlorophenol	7.668	128	182337	40.66	ng		91
9) Benzaldehyde	7.239	77	57801	12.17	ng		90
10) Phenol	7.286	94	247040	39.10	ng		84
11) bis(2-Chloroethyl)ether	7.521	93	177193	36.29	ng		94
12) 1,3-Dichlorobenzene	7.997	146	212711	36.73	ng	#	88
13) 1,4-Dichlorobenzene	8.143	146	207479	36.16	ng		92
14) 1,2-Dichlorobenzene	8.461	146	198600	37.11	ng		97
15) Benzyl Alcohol	8.337	79	190234	36.45	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.637	45	246864	28.81	ng		99
17) 2-Methylphenol	8.543	107	153519	37.84	ng	#	87
18) Hexachloroethane	9.195	117	78342	36.19	ng		94
19) n-Nitroso-di-n-propyla...	8.907	70	147857	33.97	ng		96
20) 3+4-Methylphenols	8.866	107	213336	38.58	ng		91
22) Acetophenone	8.925	105	286001	39.43	ng		92
24) Nitrobenzene	9.313	77	224870	43.89	ng		88
25) Isophorone	9.836	82	388924	37.96	ng	#	93
26) 2-Nitrophenol	10.024	139	102341	55.25	ng	#	75
27) 2,4-Dimethylphenol	10.076	122	169282	45.72	ng		90
28) bis(2-Chloroethoxy)met...	10.312	93	228931	36.22	ng		96
29) 2,4-Dichlorophenol	10.558	162	197619	44.37	ng		98
30) 1,2,4-Trichlorobenzene	10.776	180	216581	40.74	ng		99
31) Naphthalene	10.970	128	544372	40.19	ng		99
32) Benzoic acid	10.200	122	119160	46.38	ng		83
33) 4-Chloroaniline	11.064	127	157260	26.21	ng		93
34) Hexachlorobutadiene	11.252	225	151834	38.95	ng		99
35) Caprolactam	11.833	113	60491m	40.10	ng		
36) 4-Chloro-3-methylphenol	12.180	107	200078	41.78	ng		95
37) 2-Methylnaphthalene	12.568	142	409087	40.74	ng	#	95
38) 1-Methylnaphthalene	12.785	142	377631	40.51	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.932	216	259401	42.10	ng	#	97
41) Hexachlorocyclopentadiene	12.914	237	341412	95.26	ng		98
43) 2,4,6-Trichlorophenol	13.161	196	174289	44.98	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.238	196	186711	47.88	ng	#	96
46) 1,1'-Biphenyl	13.567	154	541502	41.09	ng		95
47) 2-Chloronaphthalene	13.608	162	420680	39.29	ng		97
48) 2-Nitroaniline	13.802	65	144960	50.99	ng	#	75
49) Acenaphthylene	14.454	152	651912	41.37	ng		98
50) Dimethylphthalate	14.178	163	548834	40.09	ng		99
51) 2,6-Dinitrotoluene	14.295	165	123468	55.49	ng	#	73
52) Acenaphthene	14.794	154	495040	46.25	ng		97
53) 3-Nitroaniline	14.624	138	97725	38.87	ng		84
54) 2,4-Dinitrophenol	14.830	184	150027	123.46	ng	#	74
55) Dibenzofuran	15.129	168	665598	41.19	ng		97
56) 4-Nitrophenol	14.924	139	213718	103.20	ng	#	62
57) 2,4-Dinitrotoluene	15.082	165	179822	61.03	ng	#	83
58) Fluorene	15.776	166	537529	41.54	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.347	232	185660	47.63	ng		95
60) Diethylphthalate	15.541	149	543495	39.48	ng		97
61) 4-Chlorophenyl-phenyle...	15.764	204	308416	41.75	ng		97
62) 4-Nitroaniline	15.787	138	125550	44.98	ng	#	58
63) Azobenzene	16.058	77	515827	38.12	ng		90
65) 4,6-Dinitro-2-methylph...	15.840	198	108931	62.79	ng		89
66) n-Nitrosodiphenylamine	15.975	169	501923	39.98	ng		98
67) 4-Bromophenyl-phenylether	16.657	248	213629	40.46	ng		97
68) Hexachlorobenzene	16.775	284	225974	39.77	ng		95
69) Atrazine	16.921	200	159097	31.54	ng		98
70) Pentachlorophenol	17.121	266	302593	92.26	ng		90
71) Phenanthrene	17.515	178	910651	40.13	ng		99
72) Anthracene	17.603	178	934949	41.76	ng		99
73) Carbazole	17.873	167	835876	41.03	ng		98
74) Di-n-butylphthalate	18.426	149	947591	37.84	ng	#	98
75) Fluoranthene	19.518	202	1214692	42.04	ng		97
77) Benzidine	19.689	184	499899	33.50	ng		97
78) Pyrene	19.877	202	1211629	38.94	ng		99
80) Butylbenzylphthalate	20.758	149	461995	38.43	ng		91
81) Benzo(a)anthracene	21.728	228	1270772	39.33	ng		100
82) 3,3'-Dichlorobenzidine	21.639	252	398939	31.81	ng		95
83) Chrysene	21.792	228	1214547	39.34	ng		100
84) Bis(2-ethylhexyl)phtha...	21.634	149	673326	38.12	ng		96
85) Di-n-octyl phthalate	22.862	149	1151058	37.90	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.749	276	1501885	41.49	ng	#	85
88) Benzo(b)fluoranthene	23.978	252	1362519	42.49	ng	#	96
89) Benzo(k)fluoranthene	24.048	252	1267326	41.11	ng	#	98
90) Benzo(a)pyrene	24.859	252	1214447	40.25	ng	#	98
91) Dibenzo(a,h)anthracene	28.825	278	1226146	41.41	ng	#	96
92) Benzo(g,h,i)perylene	29.924	276	1204370	41.59	ng	#	94

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

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