Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100820\
Data File : BG046813.D
Acq On : 8 Oct 2020 13:26
Operator : CG/JU
Sample : SP5292
Misc : 8270 SPIKE 50/100ppm
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 08 14:33:56 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 :
SP5292

Manual Integrations APPROVED
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10/9/2020 2:46:30 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	68881	20.00	ng	# 0.00
21) Naphthalene-d8	10.924	136	281878	20.00	ng	# 0.00
39) Acenaphthene-d10	14.737	164	206692	20.00	ng	0.00
64) Phenanthrene-d10	17.475	188	485995	20.00	ng	# 0.00
76) Chrysene-d12	21.752	240	518443	20.00	ng	# 0.00
86) Perylene-d12	25.025	264	529374	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.00	ng	
7) Phenol-d6	0.000	99	0d	0.00	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.00	ng	
42) 2,4,6-Tribromophenol	0.000	330	0	0.00	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.00	ng	
79) Terphenyl-d14	0.000	244	0d	0.00	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.556	88	83073	41.41	ng	# 92
3) Pyridine	3.955	79	234772	41.37	ng	97
4) n-Nitrosodimethylamine	3.867	42	124167	41.81	ng	# 77
6) Aniline	7.428	93	276944	37.78	ng	95
8) 2-Chlorophenol	7.669	128	222375	51.90	ng	93
9) Benzaldehyde	7.240	77	170618	53.05	ng	95
10) Phenol	7.281	94	305094	50.54	ng	83
11) bis(2-Chloroethyl)ether	7.522	93	210669	45.15	ng	95
12) 1,3-Dichlorobenzene	7.998	146	253232	45.77	ng	# 95
13) 1,4-Dichlorobenzene	8.145	146	256487	46.78	ng	98
14) 1,2-Dichlorobenzene	8.462	146	244724	47.86	ng	96
15) Benzyl Alcohol	8.338	79	238453	47.82	ng	# 89
16) 2,2'-oxybis(1-Chloropr...	8.638	45	301280	36.80	ng	99
17) 2-Methylphenol	8.544	107	197957	51.07	ng	# 91
18) Hexachloroethane	9.202	117	89467	43.26	ng	96
19) n-Nitroso-di-n-propyla...	8.914	70	177117	42.59	ng	97
20) 3+4-Methylphenols	8.867	107	263648	49.90	ng	92
22) Acetophenone	8.932	105	341265	41.68	ng	# 95
24) Nitrobenzene	9.314	77	278039	48.07	ng	# 87
25) Isophorone	9.837	82	472407	40.84	ng	94
26) 2-Nitrophenol	10.025	139	123458	59.05	ng	# 80
27) 2,4-Dimethylphenol	10.078	122	215006	51.45	ng	89
28) bis(2-Chloroethoxy)met...	10.319	93	283240	39.70	ng	99
29) 2,4-Dichlorophenol	10.559	162	242529	48.24	ng	95
30) 1,2,4-Trichlorobenzene	10.783	180	260632	43.43	ng	99
31) Naphthalene	10.971	128	659321	43.12	ng	98
32) Benzoic acid	10.213	122	150716	51.20	ng	# 83
33) 4-Chloroaniline	11.071	127	153405	22.65	ng	# 88
34) Hexachlorobutadiene	11.259	225	184783	42.00	ng	97
35) Caprolactam	11.846	113	74991m	44.04	ng	
36) 4-Chloro-3-methylphenol	12.187	107	249055	46.08	ng	87
37) 2-Methylnaphthalene	12.569	142	504367	44.50	ng	# 97
38) 1-Methylnaphthalene	12.786	142	470564m	44.73	ng	
40) 1,2,4,5-Tetrachloroben...	12.933	216	317472	42.73	ng	# 97
41) Hexachlorocyclopentadiene	12.915	237	417936	96.70	ng	99
43) 2,4,6-Trichlorophenol	13.168	196	215213	46.06	ng	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.239	196	228234	48.53	ng	#	93
46) 1,1'-Biphenyl	13.568	154	678285	42.68	ng		98
47) 2-Chloronaphthalene	13.615	162	525722	40.71	ng		97
48) 2-Nitroaniline	13.809	65	178050	51.94	ng	#	83
49) Acenaphthylene	14.455	152	805781	42.40	ng		99
50) Dimethylphthalate	14.185	163	674391	40.85	ng		99
51) 2,6-Dinitrotoluene	14.302	165	155464	57.94	ng	#	76
52) Acenaphthene	14.796	154	612260	47.44	ng		96
53) 3-Nitroaniline	14.631	138	101001	33.31	ng		84
54) 2,4-Dinitrophenol	14.831	184	179036	122.18	ng	#	74
55) Dibenzofuran	15.131	168	839513	43.08	ng		97
56) 4-Nitrophenol	14.931	139	265549	106.34	ng	#	69
57) 2,4-Dinitrotoluene	15.084	165	217654	61.26	ng	#	79
58) Fluorene	15.783	166	675675	43.30	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.354	232	226462	48.18	ng	#	96
60) Diethylphthalate	15.542	149	673605	40.58	ng		96
61) 4-Chlorophenyl-phenyle...	15.771	204	386448	43.38	ng		97
62) 4-Nitroaniline	15.794	138	152871	45.41	ng	#	67
63) Azobenzene	16.065	77	640393	39.25	ng		93
65) 4,6-Dinitro-2-methylph...	15.847	198	132253	65.56	ng		85
66) n-Nitrosodiphenylamine	15.982	169	613541	42.02	ng		98
67) 4-Bromophenyl-phenylether	16.664	248	267114	43.50	ng		97
68) Hexachlorobenzene	16.782	284	279718	42.34	ng		97
69) Atrazine	16.928	200	215242	36.69	ng		97
70) Pentachlorophenol	17.122	266	374670	98.24	ng		92
71) Phenanthrene	17.522	178	1116462	42.31	ng		99
72) Anthracene	17.610	178	1144735	43.97	ng		98
73) Carbazole	17.874	167	1005537	42.44	ng		98
74) Di-n-butylphthalate	18.433	149	1155972	39.70	ng	#	98
75) Fluoranthene	19.525	202	1438997	42.82	ng		98
77) Benzidine	19.702	184	1482092	92.74	ng		99
78) Pyrene	19.884	202	1417010	42.52	ng		99
80) Butylbenzylphthalate	20.765	149	546288	42.42	ng		91
81) Benzo(a)anthracene	21.735	228	1482918	42.84	ng		99
82) 3,3'-Dichlorobenzidine	21.646	252	325451	24.23	ng		99
83) Chrysene	21.799	228	1394096	42.15	ng		100
84) Bis(2-ethylhexyl)phtha...	21.641	149	779989	41.23	ng		98
85) Di-n-octyl phthalate	22.874	149	1325938	40.76	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.767	276	1723607	44.01	ng	#	90
88) Benzo(b)fluoranthene	23.991	252	1520338	43.82	ng	#	98
89) Benzo(k)fluoranthene	24.061	252	1483014	44.46	ng	#	98
90) Benzo(a)pyrene	24.872	252	1383644	42.39	ng	#	98
91) Dibenzo(a,h)anthracene	28.838	278	1419020	44.29	ng	#	95
92) Benzo(g,h,i)perylene	29.943	276	1411936	45.07	ng	#	95

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

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