Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101121\
Data File : BG050533.D
Acq On : 11 Oct 2021 11:57
Operator : CG/JU
Sample : PB139740BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 11 15:22:33 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 15:51:01 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB139740BS

Manual Integrations APPROVED
mohammad
10/12/2021 11:37:55 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.262	152	43608	20.00	ng		0.00
21) Naphthalene-d8	11.088	136	191020	20.00	ng		# 0.00
39) Acenaphthene-d10	14.883	164	130829	20.00	ng		0.00
64) Phenanthrene-d10	17.627	188	298871	20.00	ng		# 0.00
76) Chrysene-d12	21.928	240	253377	20.00	ng		# 0.00
86) Perylene-d12	25.347	264	260212	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.794	112	379975	130.31	ng		0.00
7) Phenol-d6	7.404	99	515431	122.09	ng		0.00
23) Nitrobenzene-d5	9.437	82	355126	76.96	ng		0.00
42) 2,4,6-Tribromophenol	16.370	330	153351	122.89	ng		0.00
45) 2-Fluorobiphenyl	13.508	172	657536	75.64	ng		0.00
79) Terphenyl-d14	20.212	244	1083312	83.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.649	88	43395	28.73	ng		90
3) Pyridine	4.061	79	109896	26.64	ng		95
4) n-Nitrosodimethylamine	3.973	42	81244	41.79	ng	#	52
6) Aniline	7.580	93	201297	41.04	ng	#	91
8) 2-Chlorophenol	7.821	128	136972	48.79	ng		88
9) Benzaldehyde	7.392	77	107549	40.46	ng		92
10) Phenol	7.427	94	195015	47.51	ng		86
11) bis(2-Chloroethyl)ether	7.668	93	135083	42.16	ng		83
12) 1,3-Dichlorobenzene	8.150	146	135965	41.95	ng		97
13) 1,4-Dichlorobenzene	8.297	146	139265	42.62	ng		93
14) 1,2-Dichlorobenzene	8.620	146	134125	42.98	ng		96
15) Benzyl Alcohol	8.497	79	158243	47.43	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.785	45	226798	43.41	ng		87
17) 2-Methylphenol	8.691	107	129979	48.13	ng		92
18) Hexachloroethane	9.354	117	53248	43.06	ng		94
19) n-Nitroso-di-n-propyla...	9.067	70	133135	43.27	ng		91
20) 3+4-Methylphenols	9.020	107	177592	46.72	ng		96
22) Acetophenone	9.090	105	217169	39.99	ng		97
24) Nitrobenzene	9.478	77	193697	42.22	ng		97
25) Isophorone	10.001	82	339156	41.44	ng	#	96
26) 2-Nitrophenol	10.189	139	75338	44.72	ng		92
27) 2,4-Dimethylphenol	10.236	122	142879	49.09	ng		92
28) bis(2-Chloroethoxy)met...	10.477	93	188496	40.28	ng		94
29) 2,4-Dichlorophenol	10.723	162	136415	45.98	ng		95
30) 1,2,4-Trichlorobenzene	10.947	180	134880	40.02	ng		99
31) Naphthalene	11.141	128	423979	41.47	ng		97
32) Benzoic acid	10.365	122	75347	34.88	ng	#	79
33) 4-Chloroaniline	11.240	127	114587	26.71	ng		94
34) Hexachlorobutadiene	11.411	225	83451	39.44	ng		94
35) Caprolactam	12.016	113	54280m	47.81	ng		
36) 4-Chloro-3-methylphenol	12.339	107	169573	45.73	ng	#	89
37) 2-Methylnaphthalene	12.727	142	306311	43.42	ng		94
38) 1-Methylnaphthalene	12.944	142	282292	41.26	ng		88
40) 1,2,4,5-Tetrachloroben...	13.085	216	153600	39.76	ng		97
41) Hexachlorocyclopentadiene	13.062	237	199219	89.22	ng		91
43) 2,4,6-Trichlorophenol	13.320	196	115768	42.52	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.391	196	125988	44.26	ng		91
46) 1,1'-Biphenyl	13.720	154	384609	40.30	ng		93
47) 2-Chloronaphthalene	13.767	162	301611	41.16	ng		98
48) 2-Nitroaniline	13.961	65	132204	45.36	ng		96
49) Acenaphthylene	14.607	152	512594	42.69	ng		98
50) Dimethylphthalate	14.325	163	422757	42.75	ng		99
51) 2,6-Dinitrotoluene	14.448	165	92203	46.55	ng		92
52) Acenaphthene	14.948	154	359629m	46.61	ng		
53) 3-Nitroaniline	14.783	138	81435	34.76	ng		83
54) 2,4-Dinitrophenol	14.989	184	102288	83.24	ng		87
55) Dibenzofuran	15.277	168	488734	40.96	ng		97
56) 4-Nitrophenol	15.077	139	169675	90.03	ng	#	83
57) 2,4-Dinitrotoluene	15.236	165	133166	47.70	ng		96
58) Fluorene	15.923	166	390536	42.61	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.500	232	104223	42.04	ng		92
60) Diethylphthalate	15.676	149	452788	43.58	ng		97
61) 4-Chlorophenyl-phenyle...	15.912	204	208572	41.59	ng		98
62) 4-Nitroaniline	15.947	138	105521	43.29	ng	#	68
63) Azobenzene	16.205	77	507293	42.18	ng		84
65) 4,6-Dinitro-2-methylph...	15.994	198	70373	39.20	ng		86
66) n-Nitrosodiphenylamine	16.123	169	357957	42.15	ng		96
67) 4-Bromophenyl-phenylether	16.805	248	127184	42.23	ng		97
68) Hexachlorobenzene	16.928	284	131131	43.81	ng		94
69) Atrazine	17.063	200	150083	44.86	ng		97
70) Pentachlorophenol	17.269	266	168172	82.53	ng		98
71) Phenanthrene	17.668	178	676153	42.93	ng		97
72) Anthracene	17.762	178	681063	43.52	ng		98
73) Carbazole	18.027	167	642805	41.21	ng		97
74) Di-n-butylphthalate	18.561	149	791474	43.24	ng		98
75) Fluoranthene	19.666	202	816801	42.19	ng		95
77) Benzidine	19.836	184	408233	49.71	ng		98
78) Pyrene	20.024	202	810878	45.11	ng		97
80) Butylbenzylphthalate	20.894	149	341125	44.86	ng		94
81) Benzo(a)anthracene	21.904	228	721904	43.06	ng		99
82) 3,3'-Dichlorobenzidine	21.810	252	205922	37.06	ng	#	96
83) Chrysene	21.975	228	695786	44.12	ng		96
84) Bis(2-ethylhexyl)phtha...	21.781	149	495248	45.84	ng	#	98
85) Di-n-octyl phthalate	23.062	149	834012	46.28	ng		96
87) Indeno(1,2,3-cd)pyrene	29.278	276	800007	44.14	ng	#	92
88) Benzo(b)fluoranthene	24.255	252	730766	45.86	ng	#	91
89) Benzo(k)fluoranthene	24.325	252	697746	44.51	ng	#	97
90) Benzo(a)pyrene	25.189	252	707152	52.19	ng	#	94
91) Dibenzo(a,h)anthracene	29.349	278	675374	45.05	ng	#	94
92) Benzo(g,h,i)perylene	30.518	276	660646	45.00	ng	#	92

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

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