Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102021\
Data File : BG050645.D
Acq On : 20 Oct 2021 14:40
Operator : CG/JU
Sample : PB139947BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB139947BSD

Manual Integrations APPROVED
mohammad
10/21/2021 11:18:12 AM

Quant Time: Oct 20 15:58:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.250	152	45847	20.00	ng		0.00
21) Naphthalene-d8	11.076	136	195542	20.00	ng		# 0.00
39) Acenaphthene-d10	14.872	164	130823	20.00	ng		0.00
64) Phenanthrene-d10	17.616	188	273420	20.00	ng		# 0.00
76) Chrysene-d12	21.917	240	232495	20.00	ng		# 0.00
86) Perylene-d12	25.325	264	232821	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.789	112	385628	125.79	ng		0.00
7) Phenol-d6	7.398	99	511953	115.35	ng		0.00
23) Nitrobenzene-d5	9.425	82	365809	77.44	ng		0.00
42) 2,4,6-Tribromophenol	16.359	330	141162	113.13	ng		0.00
45) 2-Fluorobiphenyl	13.497	172	655794	75.44	ng		0.00
79) Terphenyl-d14	20.201	244	993897	83.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.650	88	44855	28.25	ng		91
3) Pyridine	4.055	79	112797	26.01	ng	#	92
4) n-Nitrosodimethylamine	3.973	42	81680	39.96	ng	#	47
6) Aniline	7.575	93	231227	44.84	ng		93
8) 2-Chlorophenol	7.810	128	138401	46.89	ng		86
9) Benzaldehyde	7.387	77	112445	40.21	ng		92
10) Phenol	7.422	94	192756	44.67	ng		86
11) bis(2-Chloroethyl)ether	7.663	93	143483	42.60	ng		84
12) 1,3-Dichlorobenzene	8.139	146	142423	41.80	ng		94
13) 1,4-Dichlorobenzene	8.292	146	144299	42.01	ng		97
14) 1,2-Dichlorobenzene	8.609	146	142174	43.33	ng		96
15) Benzyl Alcohol	8.485	79	156428	44.60	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.779	45	236929	43.13	ng		85
17) 2-Methylphenol	8.685	107	131725	46.39	ng		93
18) Hexachloroethane	9.343	117	56384	43.37	ng		91
19) n-Nitroso-di-n-propyla...	9.055	70	134465	41.57	ng	#	91
20) 3+4-Methylphenols	9.014	107	177906	44.51	ng		95
22) Acetophenone	9.079	105	225585	40.58	ng	#	97
24) Nitrobenzene	9.467	77	196014	41.73	ng		95
25) Isophorone	9.990	82	343988	41.06	ng	#	95
26) 2-Nitrophenol	10.178	139	76667	44.45	ng	#	91
27) 2,4-Dimethylphenol	10.225	122	143091	48.02	ng		95
28) bis(2-Chloroethoxy)met...	10.465	93	191136	39.90	ng		91
29) 2,4-Dichlorophenol	10.718	162	133738	44.04	ng		95
30) 1,2,4-Trichlorobenzene	10.935	180	142576	41.33	ng		93
31) Naphthalene	11.129	128	433216	41.39	ng		99
32) Benzoic acid	10.360	122	74439	33.66	ng	#	78
33) 4-Chloroaniline	11.229	127	175654	40.00	ng		96
34) Hexachlorobutadiene	11.400	225	86099	39.75	ng		95
35) Caprolactam	12.005	113	50619m	43.55	ng		
36) 4-Chloro-3-methylphenol	12.328	107	162520	42.81	ng	#	92
37) 2-Methylnaphthalene	12.716	142	307202	42.54	ng		93
38) 1-Methylnaphthalene	12.933	142	283985	40.55	ng		91
40) 1,2,4,5-Tetrachloroben...	13.074	216	151291	39.16	ng		97
41) Hexachlorocyclopentadiene	13.051	237	198247	88.79	ng		91
43) 2,4,6-Trichlorophenol	13.309	196	109445	40.20	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.380	196	114993	40.40	ng		92
46) 1,1'-Biphenyl	13.709	154	373415	39.13	ng		92
47) 2-Chloronaphthalene	13.756	162	294713	40.22	ng		99
48) 2-Nitroaniline	13.955	65	125008	42.89	ng		91
49) Acenaphthylene	14.602	152	491923	40.97	ng		98
50) Dimethylphthalate	14.314	163	397655	40.21	ng		99
51) 2,6-Dinitrotoluene	14.443	165	86787	43.82	ng		88
52) Acenaphthene	14.937	154	344555m	44.66	ng		
53) 3-Nitroaniline	14.772	138	91367	39.00	ng		86
54) 2,4-Dinitrophenol	14.978	184	94054	76.55	ng	#	88
55) Dibenzofuran	15.266	168	464811	38.96	ng		97
56) 4-Nitrophenol	15.072	139	152291	80.81	ng	#	82
57) 2,4-Dinitrotoluene	15.225	165	122218	43.78	ng		92
58) Fluorene	15.918	166	370458	40.42	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.489	232	96746	39.02	ng		93
60) Diethylphthalate	15.671	149	417579	40.19	ng		97
61) 4-Chlorophenyl-phenyle...	15.900	204	199902	39.86	ng		98
62) 4-Nitroaniline	15.936	138	96851	39.73	ng	#	68
63) Azobenzene	16.194	77	470570	39.13	ng		82
65) 4,6-Dinitro-2-methylph...	15.988	198	65149	39.67	ng		92
66) n-Nitrosodiphenylamine	16.118	169	331018	42.61	ng		96
67) 4-Bromophenyl-phenylether	16.793	248	116984	42.46	ng		98
68) Hexachlorobenzene	16.917	284	119940	43.80	ng	#	92
69) Atrazine	17.052	200	134493	43.95	ng		97
70) Pentachlorophenol	17.258	266	143878	77.18	ng		98
71) Phenanthrene	17.657	178	605501	42.02	ng		98
72) Anthracene	17.751	178	621826	43.43	ng		97
73) Carbazole	18.015	167	576873	40.43	ng		98
74) Di-n-butylphthalate	18.550	149	717947	42.87	ng	#	97
75) Fluoranthene	19.655	202	732207	41.34	ng		95
77) Benzidine	19.831	184	657371	87.24	ng		96
78) Pyrene	20.019	202	725989	44.01	ng		98
80) Butylbenzylphthalate	20.889	149	312112	44.73	ng		98
81) Benzo(a)anthracene	21.893	228	650232	42.27	ng		97
82) 3,3'-Dichlorobenzidine	21.799	252	222540	43.65	ng	#	98
83) Chrysene	21.964	228	627707	43.38	ng		95
84) Bis(2-ethylhexyl)phtha...	21.770	149	444221	44.81	ng		96
85) Di-n-octyl phthalate	23.045	149	766429	46.35	ng		97
87) Indeno(1,2,3-cd)pyrene	29.249	276	721932	44.52	ng	#	93
88) Benzo(b)fluoranthene	24.238	252	674080	47.28	ng	#	93
89) Benzo(k)fluoranthene	24.308	252	632512	45.09	ng	#	96
90) Benzo(a)pyrene	25.172	252	641852	52.94	ng	#	95
91) Dibenzo(a,h)anthracene	29.320	278	611222	45.57	ng	#	91
92) Benzo(g,h,i)perylene	30.477	276	595066	45.30	ng	#	89

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

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