Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102021\
Data File : BG050644.D
Acq On : 20 Oct 2021 13:59
Operator : CG/JU
Sample : PB139947BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB139947BS

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

Quant Time: Oct 20 14:50:34 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	8.254	152	42957	20.00	ng		0.00
21) Naphthalene-d8	11.074	136	187937	20.00	ng		#-0.01
39) Acenaphthene-d10	14.870	164	122069	20.00	ng		0.00
64) Phenanthrene-d10	17.614	188	267195	20.00	ng		# 0.00
76) Chrysene-d12	21.914	240	228621	20.00	ng		#-0.01
86) Perylene-d12	25.322	264	228985	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.786	112	370111	128.85	ng		0.00
7) Phenol-d6	7.396	99	493053	118.56	ng		0.00
23) Nitrobenzene-d5	9.423	82	347718	76.59	ng		0.00
42) 2,4,6-Tribromophenol	16.356	330	137640	118.21	ng		0.00
45) 2-Fluorobiphenyl	13.495	172	620487	76.50	ng		-0.01
79) Terphenyl-d14	20.205	244	987298	84.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.648	88	42253	28.40	ng		90
3) Pyridine	4.053	79	108109	26.60	ng		94
4) n-Nitrosodimethylamine	3.971	42	79300	41.41	ng	#	48
6) Aniline	7.572	93	219740	45.48	ng	#	91
8) 2-Chlorophenol	7.813	128	130945	47.35	ng		87
9) Benzaldehyde	7.384	77	107919	41.32	ng		91
10) Phenol	7.420	94	184708	45.68	ng		86
11) bis(2-Chloroethyl)ether	7.661	93	136465	43.24	ng		86
12) 1,3-Dichlorobenzene	8.136	146	136631	42.80	ng		95
13) 1,4-Dichlorobenzene	8.289	146	136869	42.53	ng		100
14) 1,2-Dichlorobenzene	8.607	146	134122	43.63	ng		94
15) Benzyl Alcohol	8.483	79	148817	45.28	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.777	45	224609	43.64	ng		85
17) 2-Methylphenol	8.683	107	123115	46.27	ng		92
18) Hexachloroethane	9.347	117	53468	43.89	ng		93
19) n-Nitroso-di-n-propyla...	9.053	70	127861	42.18	ng	#	90
20) 3+4-Methylphenols	9.012	107	170062	45.41	ng		97
22) Acetophenone	9.077	105	213228	39.91	ng	#	96
24) Nitrobenzene	9.470	77	187350	41.50	ng		96
25) Isophorone	9.987	82	328002	40.73	ng	#	96
26) 2-Nitrophenol	10.181	139	73024	44.05	ng	#	93
27) 2,4-Dimethylphenol	10.228	122	133720	46.69	ng		91
28) bis(2-Chloroethoxy)met...	10.463	93	183298	39.81	ng		92
29) 2,4-Dichlorophenol	10.716	162	127895	43.82	ng		96
30) 1,2,4-Trichlorobenzene	10.933	180	133077	40.14	ng		98
31) Naphthalene	11.127	128	413163	41.07	ng		99
32) Benzoic acid	10.363	122	68504	32.23	ng	#	78
33) 4-Chloroaniline	11.233	127	170106	40.30	ng		97
34) Hexachlorobutadiene	11.397	225	82675	39.72	ng		97
35) Caprolactam	12.003	113	48375m	43.30	ng		
36) 4-Chloro-3-methylphenol	12.332	107	155765	42.69	ng	#	89
37) 2-Methylnaphthalene	12.713	142	295435	42.56	ng		95
38) 1-Methylnaphthalene	12.931	142	271166	40.29	ng		92
40) 1,2,4,5-Tetrachloroben...	13.078	216	146221	40.56	ng		97
41) Hexachlorocyclopentadiene	13.048	237	188712	90.58	ng		90
43) 2,4,6-Trichlorophenol	13.307	196	105693	41.61	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.377	196	114137	42.98	ng		92
46) 1,1'-Biphenyl	13.706	154	355418	39.92	ng		93
47) 2-Chloronaphthalene	13.759	162	285847	41.81	ng		98
48) 2-Nitroaniline	13.953	65	120600	44.34	ng		96
49) Acenaphthylene	14.599	152	477919	42.66	ng		97
50) Dimethylphthalate	14.317	163	384295	41.65	ng		99
51) 2,6-Dinitrotoluene	14.441	165	84298	45.61	ng		91
52) Acenaphthene	14.934	154	333929m	46.39	ng		
53) 3-Nitroaniline	14.776	138	87696	40.12	ng		93
54) 2,4-Dinitrophenol	14.981	184	89297	77.89	ng		90
55) Dibenzofuran	15.269	168	445460	40.01	ng		98
56) 4-Nitrophenol	15.070	139	145394	82.68	ng	#	83
57) 2,4-Dinitrotoluene	15.222	165	119392	45.83	ng		95
58) Fluorene	15.916	166	357653	41.82	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.487	232	93183	40.28	ng		95
60) Diethylphthalate	15.669	149	405319	41.81	ng		97
61) 4-Chlorophenyl-phenyle...	15.898	204	192194	41.08	ng		98
62) 4-Nitroaniline	15.933	138	95485	41.98	ng	#	67
63) Azobenzene	16.192	77	456664	40.69	ng		82
65) 4,6-Dinitro-2-methylph...	15.986	198	63101	39.32	ng		87
66) n-Nitrosodiphenylamine	16.115	169	321642	42.37	ng		97
67) 4-Bromophenyl-phenylether	16.797	248	112524	41.79	ng		98
68) Hexachlorobenzene	16.914	284	115516	43.17	ng	#	90
69) Atrazine	17.055	200	129633	43.35	ng		98
70) Pentachlorophenol	17.261	266	141118	77.47	ng		96
71) Phenanthrene	17.661	178	593778	42.17	ng		98
72) Anthracene	17.749	178	610192	43.61	ng		99
73) Carbazole	18.013	167	559637	40.13	ng		98
74) Di-n-butylphthalate	18.554	149	699482	42.74	ng	#	97
75) Fluoranthene	19.652	202	717159	41.44	ng		95
77) Benzidine	19.829	184	659277	88.97	ng		96
78) Pyrene	20.017	202	712403	43.92	ng		97
80) Butylbenzylphthalate	20.886	149	305802	44.57	ng		96
81) Benzo(a)anthracene	21.897	228	645552	42.67	ng		99
82) 3,3'-Dichlorobenzidine	21.803	252	221866	44.25	ng	#	99
83) Chrysene	21.967	228	618687	43.48	ng		97
84) Bis(2-ethylhexyl)phtha...	21.768	149	438388	44.97	ng	#	97
85) Di-n-octyl phthalate	23.043	149	750580	46.16	ng		96
87) Indeno(1,2,3-cd)pyrene	29.241	276	721710	45.25	ng	#	94
88) Benzo(b)fluoranthene	24.235	252	673496	48.03	ng	#	93
89) Benzo(k)fluoranthene	24.312	252	610819	44.27	ng	#	97
90) Benzo(a)pyrene	25.169	252	639694	53.65	ng	#	96
91) Dibenzo(a,h)anthracene	29.318	278	603994	45.79	ng	#	92
92) Benzo(g,h,i)perylene	30.487	276	594842	46.04	ng	#	89

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

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