Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100621\
Data File : BG050473.D
Acq On : 6 Oct 2021 18:28
Operator : CG/JU
Sample : PB139656BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB139656BS

Manual Integrations APPROVED
mohammad
10/8/2021 8:34:58 AM

Quant Time: Oct 07 02:20:22 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.264	152	46603	20.00	ng		0.00
21) Naphthalene-d8	11.084	136	197293	20.00	ng		# 0.00
39) Acenaphthene-d10	14.874	164	134148	20.00	ng		0.00
64) Phenanthrene-d10	17.618	188	297693	20.00	ng		# 0.00
76) Chrysene-d12	21.919	240	265356	20.00	ng		# 0.00
86) Perylene-d12	25.326	264	268525	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.796	112	409728	131.49	ng		0.00
7) Phenol-d6	7.395	99	557516	123.57	ng		0.00
23) Nitrobenzene-d5	9.427	82	388072	81.42	ng		0.00
42) 2,4,6-Tribromophenol	16.360	330	161968	126.58	ng		0.00
45) 2-Fluorobiphenyl	13.505	172	707181	79.34	ng		0.00
79) Terphenyl-d14	20.209	244	1135075	83.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.658	88	49136	30.45	ng		91
3) Pyridine	4.063	79	121030	27.45	ng	#	91
4) n-Nitrosodimethylamine	3.981	42	87651	42.19	ng	#	46
6) Aniline	7.577	93	223892	42.71	ng	#	93
8) 2-Chlorophenol	7.818	128	138935	46.31	ng		87
9) Benzaldehyde	7.389	77	117031	41.31	ng		92
10) Phenol	7.424	94	200300	45.66	ng		85
11) bis(2-Chloroethyl)ether	7.665	93	143460	41.90	ng		88
12) 1,3-Dichlorobenzene	8.147	146	145568	42.03	ng		96
13) 1,4-Dichlorobenzene	8.299	146	145619	41.71	ng		98
14) 1,2-Dichlorobenzene	8.617	146	144087	43.20	ng		94
15) Benzyl Alcohol	8.493	79	161150	45.20	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.781	45	237668	42.56	ng		85
17) 2-Methylphenol	8.687	107	134768	46.69	ng		93
18) Hexachloroethane	9.351	117	57228	43.31	ng		90
19) n-Nitroso-di-n-propyla...	9.063	70	139422	42.40	ng	#	89
20) 3+4-Methylphenols	9.016	107	181236	44.61	ng		96
22) Acetophenone	9.087	105	228919	40.81	ng	#	99
24) Nitrobenzene	9.474	77	198582	41.90	ng		94
25) Isophorone	9.997	82	353009	41.76	ng	#	95
26) 2-Nitrophenol	10.185	139	75948	43.65	ng	#	92
27) 2,4-Dimethylphenol	10.226	122	146414	48.70	ng		93
28) bis(2-Chloroethoxy)met...	10.473	93	196402	40.63	ng		93
29) 2,4-Dichlorophenol	10.720	162	138876	45.32	ng		99
30) 1,2,4-Trichlorobenzene	10.943	180	143708	41.29	ng		95
31) Naphthalene	11.137	128	439962	41.66	ng		99
32) Benzoic acid	10.350	122	94065	42.16	ng	#	76
33) 4-Chloroaniline	11.237	127	152185	34.35	ng		98
34) Hexachlorobutadiene	11.407	225	88054	40.30	ng		93
35) Caprolactam	12.007	113	53720m	45.81	ng		
36) 4-Chloro-3-methylphenol	12.330	107	170673	44.56	ng	#	90
37) 2-Methylnaphthalene	12.724	142	312704	42.92	ng		93
38) 1-Methylnaphthalene	12.935	142	287379	40.67	ng		90
40) 1,2,4,5-Tetrachloroben...	13.082	216	159659	40.30	ng		97
41) Hexachlorocyclopentadiene	13.058	237	218693	95.52	ng		92
43) 2,4,6-Trichlorophenol	13.311	196	118481	42.44	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.382	196	129634	44.42	ng		92
46) 1,1'-Biphenyl	13.717	154	389016	39.76	ng		94
47) 2-Chloronaphthalene	13.764	162	305923	40.72	ng		99
48) 2-Nitroaniline	13.957	65	130877	43.79	ng		96
49) Acenaphthylene	14.604	152	517849	42.07	ng		96
50) Dimethylphthalate	14.322	163	418584	41.28	ng		99
51) 2,6-Dinitrotoluene	14.445	165	89649	44.14	ng		96
52) Acenaphthene	14.939	154	362086m	45.77	ng		
53) 3-Nitroaniline	14.774	138	87468	36.41	ng		88
54) 2,4-Dinitrophenol	14.980	184	100954	80.13	ng		89
55) Dibenzofuran	15.274	168	485417	39.67	ng		98
56) 4-Nitrophenol	15.062	139	168580	87.24	ng	#	80
57) 2,4-Dinitrotoluene	15.227	165	127859	44.66	ng		93
58) Fluorene	15.920	166	388105	41.30	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.491	232	107944	42.46	ng		95
60) Diethylphthalate	15.673	149	444910	41.76	ng		96
61) 4-Chlorophenyl-phenyle...	15.908	204	211013	41.04	ng		95
62) 4-Nitroaniline	15.937	138	103034	41.22	ng	#	70
63) Azobenzene	16.202	77	500673	40.60	ng		84
65) 4,6-Dinitro-2-methylph...	15.984	198	64482	36.06	ng		86
66) n-Nitrosodiphenylamine	16.120	169	355965	42.08	ng		94
67) 4-Bromophenyl-phenylether	16.801	248	123603	41.20	ng		100
68) Hexachlorobenzene	16.919	284	127590	42.79	ng	#	91
69) Atrazine	17.060	200	149658	44.91	ng		99
70) Pentachlorophenol	17.259	266	177685	87.55	ng		96
71) Phenanthrene	17.665	178	664086	42.33	ng		98
72) Anthracene	17.753	178	677899	43.49	ng		98
73) Carbazole	18.017	167	635111	40.88	ng		99
74) Di-n-butylphthalate	18.558	149	779327	42.74	ng		98
75) Fluoranthene	19.657	202	818138	42.43	ng		96
77) Benzidine	19.833	184	506350	58.87	ng		98
78) Pyrene	20.021	202	813313	43.20	ng		96
80) Butylbenzylphthalate	20.890	149	344031	43.20	ng		95
81) Benzo(a)anthracene	21.895	228	735579	41.89	ng		99
82) 3,3'-Dichlorobenzidine	21.801	252	223106	38.34	ng	#	97
83) Chrysene	21.966	228	700585	42.42	ng		95
84) Bis(2-ethylhexyl)phtha...	21.778	149	497668	43.98	ng	#	97
85) Di-n-octyl phthalate	23.059	149	842582	44.65	ng		96
87) Indeno(1,2,3-cd)pyrene	29.251	276	815205	43.59	ng	#	93
88) Benzo(b)fluoranthene	24.239	252	754777	45.90	ng	#	94
89) Benzo(k)fluoranthene	24.310	252	716009	44.26	ng	#	97
90) Benzo(a)pyrene	25.168	252	729329	52.16	ng	#	94
91) Dibenzo(a,h)anthracene	29.322	278	685362	44.30	ng	#	93
92) Benzo(g,h,i)perylene	30.485	276	674967	44.55	ng	#	91

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

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