Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102021\
Data File : BG050651.D
Acq On : 20 Oct 2021 18:50
Operator : CG/JU
Sample : M4285-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-EB-(1)MSD

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

Quant Time: Oct 21 03:17:36 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	8.247	152	42741	20.00	ng		-0.01
21) Naphthalene-d8	11.073	136	172273	20.00	ng		#-0.01
39) Acenaphthene-d10	14.868	164	113703	20.00	ng		0.00
64) Phenanthrene-d10	17.612	188	240126	20.00	ng		# 0.00
76) Chrysene-d12	21.913	240	219003	20.00	ng		#-0.01
86) Perylene-d12	25.321	264	225697	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.791	112	296408	103.72	ng		0.00
7) Phenol-d6	7.395	99	393375	95.07	ng		0.00
23) Nitrobenzene-d5	9.422	82	270320	64.96	ng		0.00
42) 2,4,6-Tribromophenol	16.355	330	102882	94.86	ng		0.00
45) 2-Fluorobiphenyl	13.494	172	491628	65.07	ng		-0.01
79) Terphenyl-d14	20.197	244	753679	67.07	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.646	88	55302	37.36	ng		94
3) Pyridine	4.052	79	126740	31.34	ng	#	91
4) n-Nitrosodimethylamine	3.969	42	81098	42.56	ng	#	50
6) Aniline	7.571	93	163007	33.91	ng		93
8) 2-Chlorophenol	7.812	128	130945	47.59	ng		90
9) Benzaldehyde	7.383	77	99402	37.84	ng		91
10) Phenol	7.424	94	186090	46.26	ng		86
11) bis(2-Chloroethyl)ether	7.659	93	135102	43.03	ng		87
12) 1,3-Dichlorobenzene	8.135	146	137939	43.43	ng		95
13) 1,4-Dichlorobenzene	8.288	146	138085	43.12	ng		96
14) 1,2-Dichlorobenzene	8.605	146	133997	43.81	ng		95
15) Benzyl Alcohol	8.482	79	147624	45.15	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.770	45	221389	43.23	ng		85
17) 2-Methylphenol	8.682	107	123700	46.73	ng		92
18) Hexachloroethane	9.340	117	54703	45.14	ng		92
19) n-Nitroso-di-n-propyla...	9.052	70	125502	41.61	ng	#	89
20) 3+4-Methylphenols	9.011	107	166757	44.75	ng		97
22) Acetophenone	9.075	105	207574	42.38	ng	#	96
24) Nitrobenzene	9.463	77	182557	44.12	ng		97
25) Isophorone	9.986	82	317881	43.06	ng	#	96
26) 2-Nitrophenol	10.180	139	71604	47.13	ng		95
27) 2,4-Dimethylphenol	10.221	122	133866	50.99	ng		93
28) bis(2-Chloroethoxy)met...	10.462	93	177368	42.02	ng		92
29) 2,4-Dichlorophenol	10.714	162	125682	46.97	ng		96
30) 1,2,4-Trichlorobenzene	10.932	180	129058	42.46	ng		99
31) Naphthalene	11.126	128	397732	43.13	ng		98
32) Benzoic acid	10.362	122	74359	38.17	ng	#	75
33) 4-Chloroaniline	11.226	127	94650	24.46	ng		96
34) Hexachlorobutadiene	11.396	225	80329	42.10	ng		95
35) Caprolactam	11.995	113	47438m	46.33	ng		
36) 4-Chloro-3-methylphenol	12.330	107	151222	45.22	ng		92
37) 2-Methylnaphthalene	12.712	142	283479	44.55	ng		93
38) 1-Methylnaphthalene	12.930	142	261406	42.37	ng		93
40) 1,2,4,5-Tetrachloroben...	13.071	216	140459	41.83	ng		97
41) Hexachlorocyclopentadiene	13.047	237	180661	93.10	ng		91
43) 2,4,6-Trichlorophenol	13.306	196	103717	43.83	ng		94

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.376	196	110442	44.65	ng		89
46)	1,1'-Biphenyl	13.705	154	346553	41.79	ng		95
47)	2-Chloronaphthalene	13.752	162	275528	43.27	ng		99
48)	2-Nitroaniline	13.952	65	114913	45.36	ng		95
49)	Acenaphthylene	14.598	152	457312	43.83	ng		96
50)	Dimethylphthalate	14.310	163	364556	42.42	ng		98
51)	2,6-Dinitrotoluene	14.440	165	79560	46.22	ng		90
52)	Acenaphthene	14.933	154	320745m	47.84	ng		
53)	3-Nitroaniline	14.769	138	57284	28.13	ng		84
54)	2,4-Dinitrophenol	14.974	184	90836	85.06	ng		93
55)	Dibenzofuran	15.268	168	425725	41.05	ng		98
56)	4-Nitrophenol	15.068	139	142919	87.26	ng	#	82
57)	2,4-Dinitrotoluene	15.221	165	110729	45.64	ng		94
58)	Fluorene	15.914	166	336796	42.28	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.485	232	87676	40.69	ng		95
60)	Diethylphthalate	15.667	149	378167	41.88	ng		97
61)	4-Chlorophenyl-phenyle...	15.897	204	182325	41.83	ng		97
62)	4-Nitroaniline	15.932	138	87313	41.21	ng	#	67
63)	Azobenzene	16.190	77	428667	41.01	ng		82
65)	4,6-Dinitro-2-methylph...	15.985	198	61661	42.75	ng		90
66)	n-Nitrosodiphenylamine	16.108	169	305686	44.80	ng		98
67)	4-Bromophenyl-phenylether	16.796	248	105392	43.56	ng		97
68)	Hexachlorobenzene	16.913	284	108552	45.14	ng		94
69)	Atrazine	17.048	200	123104	45.80	ng		97
70)	Pentachlorophenol	17.254	266	135574	82.81	ng		97
71)	Phenanthrene	17.653	178	561849	44.40	ng		98
72)	Anthracene	17.747	178	569139	45.26	ng		98
73)	Carbazole	18.012	167	533684	42.59	ng		98
74)	Di-n-butylphthalate	18.546	149	659445	44.84	ng	#	97
75)	Fluoranthene	19.651	202	683326	43.93	ng		96
77)	Benzidine	19.827	184	342828	48.30	ng		97
78)	Pyrene	20.015	202	687574	44.25	ng		96
80)	Butylbenzylphthalate	20.879	149	301113	45.81	ng		94
81)	Benzo(a)anthracene	21.890	228	632126	43.62	ng		99
82)	3,3'-Dichlorobenzidine	21.796	252	135075	28.13	ng	#	97
83)	Chrysene	21.960	228	608932	44.67	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.766	149	434951	46.58	ng	#	97
85)	Di-n-octyl phthalate	23.041	149	741769	47.62	ng		96
87)	Indeno(1,2,3-cd)pyrene	29.240	276	706470	44.94	ng	#	96
88)	Benzo(b)fluoranthene	24.234	252	664632	48.08	ng	#	95
89)	Benzo(k)fluoranthene	24.304	252	612109	45.01	ng	#	97
90)	Benzo(a)pyrene	25.162	252	626651	53.32	ng	#	95
91)	Dibenzo(a,h)anthracene	29.304	278	589371	45.33	ng	#	92
92)	Benzo(g,h,i)perylene	30.480	276	581461	45.66	ng	#	93

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

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