Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102621\
Data File : BG050727.D
Acq On : 26 Oct 2021 11:03
Operator : CG/JU
Sample : PB140166BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB140166BS

Manual Integrations APPROVED
mohammad
10/27/2021 11:48:00 AM

Quant Time: Oct 26 12:40:06 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	8.253	152	38397	20.000	ng		# 0.00
21) Naphthalene-d8	11.079	136	168037	20.000	ng		# 0.00
39) Acenaphthene-d10	14.875	164	112461	20.000	ng		0.00
64) Phenanthrene-d10	17.618	188	244508	20.000	ng		# 0.00
76) Chrysene-d12	21.925	240	188395	20.000	ng		# 0.00
86) Perylene-d12	25.345	264	184023	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.791	112	317891	123.816	ng		0.00
7) Phenol-d6	7.401	99	422642	113.699	ng		0.00
23) Nitrobenzene-d5	9.428	82	287716	70.879	ng		0.00
42) 2,4,6-Tribromophenol	16.361	330	124218	115.801	ng		0.00
45) 2-Fluorobiphenyl	13.494	172	545706	73.030	ng		-0.01
79) Terphenyl-d14	20.209	244	797134	82.458	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.641	88	35166	26.446	ng		92
3) Pyridine	4.052	79	87377	24.054	ng	#	92
4) n-Nitrosodimethylamine	3.964	42	64098	37.444	ng	#	48
6) Aniline	7.571	93	169215	39.181	ng		96
8) 2-Chlorophenol	7.812	128	115552	46.745	ng		89
9) Benzaldehyde	7.383	77	86034	36.245	ng		91
10) Phenol	7.424	94	162316	44.910	ng		86
11) bis(2-Chloroethyl)ether	7.659	93	115096	40.801	ng		87
12) 1,3-Dichlorobenzene	8.135	146	113968	39.939	ng		97
13) 1,4-Dichlorobenzene	8.288	146	117283	40.768	ng		97
14) 1,2-Dichlorobenzene	8.605	146	112470	40.931	ng		94
15) Benzyl Alcohol	8.488	79	128612	43.783	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.764	45	185576	40.338	ng		85
17) 2-Methylphenol	8.688	107	108770	45.738	ng		94
18) Hexachloroethane	9.340	117	45488	41.778	ng		94
19) n-Nitroso-di-n-propyla...	9.052	70	108491	40.043	ng		90
20) 3+4-Methylphenols	9.017	107	148988	44.510	ng		95
22) Acetophenone	9.075	105	183013	38.309	ng	#	97
24) Nitrobenzene	9.469	77	156397	38.748	ng		93
25) Isophorone	9.986	82	276316	38.377	ng	#	95
26) 2-Nitrophenol	10.180	139	64052	43.218	ng	#	92
27) 2,4-Dimethylphenol	10.227	122	118760	46.381	ng		93
28) bis(2-Chloroethoxy)met...	10.462	93	157337	38.218	ng		94
29) 2,4-Dichlorophenol	10.721	162	112909	43.264	ng		98
30) 1,2,4-Trichlorobenzene	10.932	180	114359	38.575	ng		93
31) Naphthalene	11.126	128	353833	39.339	ng		97
32) Benzoic acid	10.374	122	58241	30.647	ng	#	72
33) 4-Chloroaniline	11.232	127	113958	30.197	ng		96
34) Hexachlorobutadiene	11.396	225	71601	38.471	ng		97
35) Caprolactam	12.007	113	42348m	42.398	ng		
36) 4-Chloro-3-methylphenol	12.336	107	136494	41.843	ng	#	92
37) 2-Methylnaphthalene	12.718	142	254478	41.005	ng		93
38) 1-Methylnaphthalene	12.936	142	231247	38.426	ng		91
40) 1,2,4,5-Tetrachloroben...	13.077	216	128580	38.717	ng		98
41) Hexachlorocyclopentadiene	13.047	237	151623	78.997	ng		93
43) 2,4,6-Trichlorophenol	13.312	196	93398	39.910	ng		95

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44) 2,4,5-Trichlorophenol	13.388	196	99827	40.800	ng		93
46) 1,1'-Biphenyl	13.711	154	313018	38.159	ng		94
47) 2-Chloronaphthalene	13.758	162	251398	39.913	ng		98
48) 2-Nitroaniline	13.958	65	105500	42.106	ng		96
49) Acenaphthylene	14.598	152	413046	40.022	ng		96
50) Dimethylphthalate	14.316	163	340172	40.018	ng		100
51) 2,6-Dinitrotoluene	14.446	165	74865	43.971	ng		86
52) Acenaphthene	14.939	154	292499m	44.105	ng		
53) 3-Nitroaniline	14.781	138	65135	32.342	ng		94
54) 2,4-Dinitrophenol	14.986	184	87228	82.583	ng		87
55) Dibenzofuran	15.268	168	393200	38.335	ng		98
56) 4-Nitrophenol	15.080	139	125744	77.618	ng	#	79
57) 2,4-Dinitrotoluene	15.233	165	106865	44.530	ng		94
58) Fluorene	15.920	166	313869	39.839	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.491	232	81427m	38.205	ng		
60) Diethylphthalate	15.668	149	357868	40.068	ng		96
61) 4-Chlorophenyl-phenyle...	15.903	204	169106	39.229	ng		98
62) 4-Nitroaniline	15.938	138	81651	38.968	ng	#	67
63) Azobenzene	16.196	77	390014	37.723	ng		83
65) 4,6-Dinitro-2-methylph...	15.997	198	58056	39.531	ng		88
66) n-Nitrosodiphenylamine	16.114	169	282573	40.673	ng		97
67) 4-Bromophenyl-phenylether	16.796	248	101342	41.131	ng		97
68) Hexachlorobenzene	16.919	284	103512	42.271	ng		95
69) Atrazine	17.054	200	115291	42.127	ng		98
70) Pentachlorophenol	17.266	266	115959	69.561	ng		97
71) Phenanthrene	17.665	178	516448	40.083	ng		98
72) Anthracene	17.753	178	526168	41.095	ng		99
73) Carbazole	18.024	167	481903	37.764	ng		97
74) Di-n-butylphthalate	18.553	149	602619	40.240	ng	#	98
75) Fluoranthene	19.663	202	590186	37.263	ng		96
77) Benzidine	19.833	184	300864	49.273	ng		97
78) Pyrene	20.021	202	590220	44.156	ng		97
80) Butylbenzylphthalate	20.891	149	240310	42.504	ng		99
81) Benzo(a)anthracene	21.902	228	509572	40.877	ng		100
82) 3,3'-Dichlorobenzidine	21.808	252	143882	34.827	ng	#	97
83) Chrysene	21.972	228	492565	42.007	ng		96
84) Bis(2-ethylhexyl)phtha...	21.772	149	339171	42.220	ng	#	97
85) Di-n-octyl phthalate	23.053	149	577695	43.115	ng		96
87) Indeno(1,2,3-cd)pyrene	29.287	276	550550	42.954	ng	#	92
88) Benzo(b)fluoranthene	24.252	252	501390	44.489	ng	#	93
89) Benzo(k)fluoranthene	24.328	252	492596	44.429	ng	#	96
90) Benzo(a)pyrene	25.192	252	489792	51.115	ng	#	96
91) Dibenzo(a,h)anthracene	29.363	278	465380	43.898	ng	#	92
92) Benzo(g,h,i)perylene	30.533	276	458540	44.162	ng	#	93

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

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