Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
Data File : BG050686.D
Acq On : 22 Oct 2021 12:31
Operator : CG/JU
Sample : PB140012BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB140012BS

Manual Integrations APPROVED
mohammad
10/25/2021 1:46:48 PM

Quant Time: Oct 22 14:05:11 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	45707	20.000	ng		# 0.00
21) Naphthalene-d8	11.079	136	197987	20.000	ng		# 0.00
39) Acenaphthene-d10	14.875	164	127350	20.000	ng		0.00
64) Phenanthrene-d10	17.619	188	278929	20.000	ng		# 0.00
76) Chrysene-d12	21.919	240	244243	20.000	ng		# 0.00
86) Perylene-d12	25.333	264	237766	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.791	112	379453	124.157	ng		0.00
7) Phenol-d6	7.401	99	498728	112.710	ng		0.00
23) Nitrobenzene-d5	9.428	82	342652	71.643	ng		0.00
42) 2,4,6-Tribromophenol	16.361	330	133288	109.730	ng		0.00
45) 2-Fluorobiphenyl	13.494	172	616662	72.878	ng		-0.01
79) Terphenyl-d14	20.204	244	980340	78.222	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.647	88	43021	27.179	ng		91
3) Pyridine	4.058	79	105360	24.366	ng	#	88
4) n-Nitrosodimethylamine	3.970	42	77238	37.904	ng	#	49
6) Aniline	7.572	93	194017	37.739	ng		94
8) 2-Chlorophenol	7.812	128	135465	46.036	ng		86
9) Benzaldehyde	7.383	77	107013	38.127	ng		91
10) Phenol	7.425	94	189158	43.967	ng		84
11) bis(2-Chloroethyl)ether	7.660	93	137403	40.919	ng		88
12) 1,3-Dichlorobenzene	8.141	146	136297	40.125	ng		95
13) 1,4-Dichlorobenzene	8.288	146	138114	40.331	ng		95
14) 1,2-Dichlorobenzene	8.606	146	134951	41.257	ng		95
15) Benzyl Alcohol	8.488	79	149571	42.774	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.776	45	222095	40.555	ng		88
17) 2-Methylphenol	8.688	107	126552	44.705	ng		92
18) Hexachloroethane	9.340	117	54428	41.994	ng		88
19) n-Nitroso-di-n-propyla...	9.058	70	127447	39.517	ng		89
20) 3+4-Methylphenols	9.011	107	172261	43.232	ng		95
22) Acetophenone	9.081	105	210520	37.401	ng	#	98
24) Nitrobenzene	9.469	77	186729	39.265	ng		95
25) Isophorone	9.986	82	325751	38.399	ng	#	96
26) 2-Nitrophenol	10.180	139	76142	43.604	ng	#	91
27) 2,4-Dimethylphenol	10.227	122	137198	45.476	ng		95
28) bis(2-Chloroethoxy)met...	10.468	93	182707	37.667	ng		94
29) 2,4-Dichlorophenol	10.715	162	129340	42.063	ng		94
30) 1,2,4-Trichlorobenzene	10.938	180	133486	38.215	ng		94
31) Naphthalene	11.126	128	412840	38.956	ng		99
32) Benzoic acid	10.374	122	75959	33.924	ng	#	84
33) 4-Chloroaniline	11.232	127	128670	28.938	ng		97
34) Hexachlorobutadiene	11.402	225	83954	38.284	ng		96
35) Caprolactam	12.007	113	49325m	41.913	ng		
36) 4-Chloro-3-methylphenol	12.331	107	156419	40.698	ng	#	91
37) 2-Methylnaphthalene	12.713	142	289854	39.640	ng		94
38) 1-Methylnaphthalene	12.930	142	269714	38.039	ng		97
40) 1,2,4,5-Tetrachloroben...	13.077	216	146776	39.029	ng		98
41) Hexachlorocyclopentadiene	13.047	237	176698	81.298	ng		92
43) 2,4,6-Trichlorophenol	13.312	196	106400	40.150	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.382	196	114265	41.241	ng		91
46) 1,1'-Biphenyl	13.705	154	353620	38.069	ng		95
47) 2-Chloronaphthalene	13.758	162	282595	39.620	ng		98
48) 2-Nitroaniline	13.958	65	121158	42.701	ng		96
49) Acenaphthylene	14.599	152	467014	39.961	ng		96
50) Dimethylphthalate	14.317	163	380062	39.483	ng		99
51) 2,6-Dinitrotoluene	14.446	165	83246	43.177	ng		88
52) Acenaphthene	14.939	154	329995m	43.941	ng		
53) 3-Nitroaniline	14.775	138	72182	31.650	ng		85
54) 2,4-Dinitrophenol	14.980	184	96022	80.280	ng		90
55) Dibenzofuran	15.268	168	436437	37.576	ng		98
56) 4-Nitrophenol	15.074	139	149480	81.482	ng	#	80
57) 2,4-Dinitrotoluene	15.227	165	119374	43.927	ng		93
58) Fluorene	15.915	166	349902	39.220	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.492	232	92589	38.363	ng		93
60) Diethylphthalate	15.668	149	398743	39.425	ng		97
61) 4-Chlorophenyl-phenyle...	15.903	204	188238	38.562	ng		95
62) 4-Nitroaniline	15.938	138	93176	39.269	ng	#	65
63) Azobenzene	16.197	77	444844	37.996	ng		83
65) 4,6-Dinitro-2-methylph...	15.991	198	64352	38.411	ng		89
66) n-Nitrosodiphenylamine	16.114	169	317256	40.030	ng		97
67) 4-Bromophenyl-phenylether	16.796	248	111717	39.747	ng		99
68) Hexachlorobenzene	16.913	284	114349	40.934	ng	#	92
69) Atrazine	17.055	200	132564	42.461	ng		98
70) Pentachlorophenol	17.260	266	142230	74.791	ng		97
71) Phenanthrene	17.660	178	591187	40.221	ng		98
72) Anthracene	17.748	178	598810	40.997	ng		97
73) Carbazole	18.018	167	567550	38.987	ng		98
74) Di-n-butylphthalate	18.553	149	716397	41.935	ng	#	98
75) Fluoranthene	19.657	202	722890	40.009	ng		96
77) Benzidine	19.828	184	365146	46.126	ng		97
78) Pyrene	20.022	202	725406	41.861	ng		97
80) Butylbenzylphthalate	20.885	149	320477	43.722	ng		94
81) Benzo(a)anthracene	21.896	228	662406	40.987	ng		99
82) 3,3'-Dichlorobenzidine	21.802	252	191505	35.755	ng	#	97
83) Chrysene	21.972	228	635056	41.775	ng		96
84) Bis(2-ethylhexyl)phtha...	21.773	149	455971	43.781	ng	#	97
85) Di-n-octyl phthalate	23.047	149	771007	44.385	ng		96
87) Indeno(1,2,3-cd)pyrene	29.258	276	718905	43.411	ng	#	92
88) Benzo(b)fluoranthene	24.240	252	659685	45.304	ng	#	92
89) Benzo(k)fluoranthene	24.317	252	640422	44.706	ng	#	96
90) Benzo(a)pyrene	25.174	252	645108	52.106	ng	#	94
91) Dibenzo(a,h)anthracene	29.334	278	604247	44.113	ng	#	91
92) Benzo(g,h,i)perylene	30.498	276	599679	44.701	ng	#	90

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

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