Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081721\
Data File : BG049873.D
Acq On : 17 Aug 2021 11:37
Operator : CG/JU
Sample : PB138414BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB138414BS

Manual Integrations APPROVED
mohammad
8/18/2021 4:19:25 PM

Quant Time: Aug 17 12:51:00 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 16 18:23:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.021	152	26091	20.000	ng		# 0.00
21) Naphthalene-d8	10.847	136	113986	20.000	ng		# 0.00
39) Acenaphthene-d10	14.677	164	79579	20.000	ng		0.00
64) Phenanthrene-d10	17.432	188	176852	20.000	ng		# 0.00
76) Chrysene-d12	21.714	240	158207	20.000	ng		# 0.00
86) Perylene-d12	24.986	264	162782	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.583	112	209066	143.641	ng		0.00
7) Phenol-d6	7.193	99	294879	133.840	ng		0.00
23) Nitrobenzene-d5	9.196	82	174742	67.838	ng		0.00
42) 2,4,6-Tribromophenol	16.175	330	145381	124.288	ng		0.00
45) 2-Fluorobiphenyl	13.296	172	380099	69.500	ng		0.00
79) Terphenyl-d14	20.040	244	596349	68.460	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.427	88	19553	30.742	ng		97
3) Pyridine	3.839	79	50474	28.951	ng		84
4) n-Nitrosodimethylamine	3.751	42	41139	43.882	ng	#	65
6) Aniline	7.346	93	111233	47.637	ng	#	90
8) 2-Chlorophenol	7.592	128	86779	54.686	ng		96
9) Benzaldehyde	7.158	77	45951	31.257	ng	#	83
10) Phenol	7.222	94	113177	53.015	ng		96
11) bis(2-Chloroethyl)ether	7.440	93	72069	49.999	ng		88
12) 1,3-Dichlorobenzene	7.915	146	85747	47.181	ng		94
13) 1,4-Dichlorobenzene	8.062	146	87543	47.587	ng		98
14) 1,2-Dichlorobenzene	8.380	146	86741	49.772	ng		94
15) Benzyl Alcohol	8.268	79	96220	52.002	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.550	45	81633	49.843	ng		93
17) 2-Methylphenol	8.479	107	77819	55.356	ng		94
18) Hexachloroethane	9.114	117	35335	49.966	ng		99
19) n-Nitroso-di-n-propyla...	8.832	70	71520	48.509	ng		90
20) 3+4-Methylphenols	8.808	107	109324	55.373	ng		98
22) Acetophenone	8.855	105	139456	45.033	ng	#	92
24) Nitrobenzene	9.237	77	115171	42.372	ng		92
25) Isophorone	9.760	82	191415	41.644	ng		97
26) 2-Nitrophenol	9.954	139	50269	48.461	ng		96
27) 2,4-Dimethylphenol	10.013	122	82577	53.861	ng		96
28) bis(2-Chloroethoxy)met...	10.242	93	100186	49.826	ng		94
29) 2,4-Dichlorophenol	10.500	162	90203	47.945	ng		95
30) 1,2,4-Trichlorobenzene	10.706	180	97308	46.974	ng		99
31) Naphthalene	10.900	128	264080	44.237	ng		98
32) Benzoic acid	10.183	122	35048	33.983	ng	#	76
33) 4-Chloroaniline	11.005	127	69117	29.327	ng		96
34) Hexachlorobutadiene	11.176	225	66707	44.313	ng		94
35) Caprolactam	11.798	113	27330m	47.015	ng		
36) 4-Chloro-3-methylphenol	12.139	107	107180	49.319	ng		97
37) 2-Methylnaphthalene	12.503	142	206108	45.832	ng		98
38) 1-Methylnaphthalene	12.727	142	186271	44.073	ng		98
40) 1,2,4,5-Tetrachloroben...	12.873	216	111344	47.486	ng		97
41) Hexachlorocyclopentadiene	12.850	237	121994	95.917	ng		97
43) 2,4,6-Trichlorophenol	13.114	196	75986	48.069	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.197	196	78443	45.741	ng		93
46) 1,1'-Biphenyl	13.508	154	256289	45.218	ng		99
47) 2-Chloronaphthalene	13.561	162	210069	46.404	ng		97
48) 2-Nitroaniline	13.761	65	75089	45.173	ng		97
49) Acenaphthylene	14.407	152	325743	45.400	ng		96
50) Dimethylphthalate	14.131	163	273506	45.553	ng		97
51) 2,6-Dinitrotoluene	14.254	165	60252	45.578	ng		91
52) Acenaphthene	14.742	154	193056	44.666	ng		97
53) 3-Nitroaniline	14.589	138	44243	34.319	ng	#	99
54) 2,4-Dinitrophenol	14.806	184	72626	96.772	ng		93
55) Dibenzofuran	15.082	168	308903	44.055	ng		97
56) 4-Nitrophenol	14.918	139	85038	90.291	ng		95
57) 2,4-Dinitrotoluene	15.053	165	86990	46.852	ng	#	94
58) Fluorene	15.728	166	256169	44.949	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.311	232	68367	42.923	ng		98
60) Diethylphthalate	15.488	149	278655	46.146	ng		95
61) 4-Chlorophenyl-phenyle...	15.717	204	140076	46.050	ng		97
62) 4-Nitroaniline	15.758	138	60415	45.559	ng		91
63) Azobenzene	16.010	77	265908	41.604	ng		88
65) 4,6-Dinitro-2-methylph...	15.822	198	47900	42.137	ng		92
66) n-Nitrosodiphenylamine	15.934	169	225389	45.104	ng		99
67) 4-Bromophenyl-phenylether	16.615	248	93555	44.917	ng		96
68) Hexachlorobenzene	16.739	284	107385	46.406	ng		95
69) Atrazine	16.886	200	97226	48.640	ng		97
70) Pentachlorophenol	17.091	266	93181	75.096	ng		98
71) Phenanthrene	17.479	178	413621	44.454	ng		97
72) Anthracene	17.567	178	420821	46.052	ng		97
73) Carbazole	17.837	167	383648	44.329	ng		97
74) Di-n-butylphthalate	18.384	149	479012	47.480	ng		98
75) Fluoranthene	19.488	202	514090	44.900	ng		98
77) Benzidine	19.664	184	212780	52.492	ng		98
78) Pyrene	19.852	202	506242	46.936	ng		97
80) Butylbenzylphthalate	20.722	149	195131	47.504	ng		99
81) Benzo(a)anthracene	21.697	228	460553	44.701	ng		98
82) 3,3'-Dichlorobenzidine	21.603	252	127573	42.407	ng		98
83) Chrysene	21.761	228	441133	44.791	ng		98
84) Bis(2-ethylhexyl)phtha...	21.585	149	272401	46.848	ng		95
85) Di-n-octyl phthalate	22.807	149	449725	45.784	ng		100
87) Indeno(1,2,3-cd)pyrene	28.740	276	555069	47.282	ng		98
88) Benzo(b)fluoranthene	23.947	252	492829	46.162	ng	#	94
89) Benzo(k)fluoranthene	24.017	252	459911	46.183	ng		98
90) Benzo(a)pyrene	24.834	252	463758	47.999	ng		99
91) Dibenzo(a,h)anthracene	28.799	278	469686	47.479	ng		97
92) Benzo(g,h,i)perylene	29.921	276	462650	47.736	ng		98

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

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