Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082521\
Data File : BG049965.D
Acq On : 25 Aug 2021 12:26
Operator : CG/JU
Sample : PB138709BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB138709BS

Manual Integrations APPROVED
mohammad
8/26/2021 11:38:33 AM

Quant Time: Aug 25 16:56:44 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 23 16:13:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.978	152	24294	20.000	ng		0.00
21) Naphthalene-d8	10.798	136	105430	20.000	ng		#-0.01
39) Acenaphthene-d10	14.640	164	73672	20.000	ng		0.00
64) Phenanthrene-d10	17.395	188	161551	20.000	ng		# 0.00
76) Chrysene-d12	21.672	240	139355	20.000	ng		0.00
86) Perylene-d12	24.914	264	138623	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.535	112	211378	155.972	ng		0.00
7) Phenol-d6	7.156	99	285716	139.274	ng		0.00
23) Nitrobenzene-d5	9.153	82	195251	81.951	ng		0.00
42) 2,4,6-Tribromophenol	16.138	330	147717	136.411	ng		0.00
45) 2-Fluorobiphenyl	13.259	172	429768	84.882	ng		0.00
79) Terphenyl-d14	20.003	244	715790	93.288	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.367	88	19944	33.676	ng		99
3) Pyridine	3.778	79	48299	29.752	ng		86
4) n-Nitrosodimethylamine	3.696	42	38668	44.298	ng	#	69
6) Aniline	7.297	93	110086	50.633	ng		96
8) 2-Chlorophenol	7.544	128	80234	54.301	ng		95
9) Benzaldehyde	7.109	77	60958	44.533	ng	#	85
10) Phenol	7.185	94	102117	51.373	ng		90
11) bis(2-Chloroethyl)ether	7.391	93	67032	49.944	ng		90
12) 1,3-Dichlorobenzene	7.867	146	80294	47.448	ng		97
13) 1,4-Dichlorobenzene	8.014	146	83994	49.035	ng		99
14) 1,2-Dichlorobenzene	8.337	146	80520	49.620	ng		96
15) Benzyl Alcohol	8.225	79	88067	51.117	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.507	45	72048	47.244	ng		96
17) 2-Methylphenol	8.437	107	71051	54.280	ng		94
18) Hexachloroethane	9.065	117	32158	48.837	ng		94
19) n-Nitroso-di-n-propyla...	8.789	70	62347	45.415	ng		93
20) 3+4-Methylphenols	8.765	107	97567	53.073	ng		95
22) Acetophenone	8.807	105	128033	44.699	ng	#	95
24) Nitrobenzene	9.194	77	102851	40.910	ng		94
25) Isophorone	9.717	82	169994	39.985	ng		97
26) 2-Nitrophenol	9.911	139	45579	47.506	ng		99
27) 2,4-Dimethylphenol	9.976	122	77307	54.516	ng		98
28) bis(2-Chloroethoxy)met...	10.199	93	93181	50.103	ng		92
29) 2,4-Dichlorophenol	10.457	162	79324	45.584	ng		93
30) 1,2,4-Trichlorobenzene	10.663	180	87970	45.912	ng		95
31) Naphthalene	10.851	128	243156	44.038	ng		99
32) Benzoic acid	10.134	122	30679	32.426	ng	#	76
33) 4-Chloroaniline	10.963	127	83839	38.460	ng		95
34) Hexachlorobutadiene	11.127	225	61461	44.141	ng		95
35) Caprolactam	11.750	113	26526m	49.335	ng		
36) 4-Chloro-3-methylphenol	12.102	107	96559	48.037	ng	#	91
37) 2-Methylnaphthalene	12.460	142	186429	44.820	ng		96
38) 1-Methylnaphthalene	12.684	142	171358	43.834	ng		94
40) 1,2,4,5-Tetrachloroben...	12.831	216	102477	47.209	ng		99
41) Hexachlorocyclopentadiene	12.801	237	82547	71.058	ng		95
43) 2,4,6-Trichlorophenol	13.077	196	67147	45.883	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.160	196	69668	43.882	ng		95
46) 1,1'-Biphenyl	13.471	154	231313	44.084	ng		98
47) 2-Chloronaphthalene	13.518	162	188142	44.892	ng		96
48) 2-Nitroaniline	13.723	65	69026	44.855	ng		93
49) Acenaphthylene	14.364	152	300256	45.203	ng		97
50) Dimethylphthalate	14.088	163	255508	45.968	ng		98
51) 2,6-Dinitrotoluene	14.217	165	54659	44.662	ng		90
52) Acenaphthene	14.704	154	176695	44.159	ng		99
53) 3-Nitroaniline	14.552	138	47615	39.896	ng	#	92
54) 2,4-Dinitrophenol	14.769	184	60817	87.534	ng		93
55) Dibenzofuran	15.039	168	279038	42.986	ng		98
56) 4-Nitrophenol	14.887	139	74010	84.882	ng		96
57) 2,4-Dinitrotoluene	15.010	165	80763	46.985	ng	#	93
58) Fluorene	15.691	166	234466	44.439	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.274	232	60276	40.877	ng		97
60) Diethylphthalate	15.451	149	262464	46.949	ng		97
61) 4-Chlorophenyl-phenyle...	15.674	204	126613	44.961	ng		95
62) 4-Nitroaniline	15.721	138	59371	48.361	ng		90
63) Azobenzene	15.973	77	245715	41.527	ng		87
65) 4,6-Dinitro-2-methylph...	15.785	198	43038	41.446	ng		91
66) n-Nitrosodiphenylamine	15.897	169	208826	45.748	ng		99
67) 4-Bromophenyl-phenylether	16.573	248	86981	45.716	ng		97
68) Hexachlorobenzene	16.702	284	99108	46.885	ng		96
69) Atrazine	16.849	200	97574	53.437	ng		98
70) Pentachlorophenol	17.054	266	73623	64.953	ng		93
71) Phenanthrene	17.436	178	392971	46.235	ng		98
72) Anthracene	17.530	178	397896	47.668	ng		98
73) Carbazole	17.800	167	359884	45.522	ng		99
74) Di-n-butylphthalate	18.347	149	442931	48.061	ng		98
75) Fluoranthene	19.451	202	463517	44.318	ng		98
77) Benzidine	19.627	184	329689	92.335	ng		98
78) Pyrene	19.815	202	460067m	48.426	ng		
80) Butylbenzylphthalate	20.691	149	175019	48.372	ng		91
81) Benzo(a)anthracene	21.654	228	411511	45.344	ng		97
82) 3,3'-Dichlorobenzidine	21.560	252	126086	47.583	ng		96
83) Chrysene	21.719	228	392820	45.281	ng		99
84) Bis(2-ethylhexyl)phtha...	21.542	149	229765	44.861	ng		95
85) Di-n-octyl phthalate	22.747	149	377759	43.660	ng		99
87) Indeno(1,2,3-cd)pyrene	28.639	276	466035	46.616	ng		98
88) Benzo(b)fluoranthene	23.880	252	404211m	44.460	ng		
89) Benzo(k)fluoranthene	23.951	252	396677	46.776	ng		99
90) Benzo(a)pyrene	24.761	252	393480	47.823	ng	#	97
91) Dibenzo(a,h)anthracene	28.686	278	392085	46.542	ng		96
92) Benzo(g,h,i)perylene	29.796	276	389169	47.153	ng		99

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

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