Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
Data File : BG049811.D
Acq On : 12 Aug 2021 10:05
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/13/2021 5:12:42 PM

Quant Time: Aug 12 11:19:05 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:15:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.032	152	32335	20.000	ng		0.00
21) Naphthalene-d8	10.857	136	129131	20.000	ng		0.00
39) Acenaphthene-d10	14.687	164	87460	20.000	ng		0.00
64) Phenanthrene-d10	17.443	188	195392	20.000	ng	#	0.00
76) Chrysene-d12	21.731	240	168443	20.000	ng		0.00
86) Perylene-d12	25.009	264	178327	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.582	112	143886	79.768	ng		0.00
7) Phenol-d6	7.198	99	222587	81.519	ng		0.00
23) Nitrobenzene-d5	9.207	82	223718	76.665	ng		0.00
42) 2,4,6-Tribromophenol	16.185	330	109896	85.486	ng		0.00
45) 2-Fluorobiphenyl	13.307	172	483933	80.512	ng		0.00
79) Terphenyl-d14	20.051	244	775013	83.564	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.444	88	28402	36.032	ng		96
3) Pyridine	3.855	79	77118	35.691	ng		90
4) n-Nitrosodimethylamine	3.773	42	44810	38.568	ng	#	82
6) Aniline	7.356	93	116762	40.348	ng	#	92
8) 2-Chlorophenol	7.597	128	80942	41.158	ng		99
9) Benzaldehyde	7.168	77	62928	34.540	ng	#	87
10) Phenol	7.227	94	107253	40.539	ng		91
11) bis(2-Chloroethyl)ether	7.444	93	69944	39.154	ng		91
12) 1,3-Dichlorobenzene	7.920	146	86174	38.260	ng		93
13) 1,4-Dichlorobenzene	8.073	146	87796	38.509	ng		98
14) 1,2-Dichlorobenzene	8.390	146	86481	40.040	ng		98
15) Benzyl Alcohol	8.273	79	93569	40.805	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.560	45	76946	37.909	ng		96
17) 2-Methylphenol	8.484	107	73366	42.111	ng		97
18) Hexachloroethane	9.118	117	35530	40.540	ng		95
19) n-Nitroso-di-n-propyla...	8.842	70	73536	40.245	ng	#	89
20) 3+4-Methylphenols	8.813	107	102602	41.933	ng		95
22) Acetophenone	8.866	105	138409	39.453	ng	#	91
24) Nitrobenzene	9.248	77	117572	38.182	ng		95
25) Isophorone	9.771	82	206605	39.677	ng		98
26) 2-Nitrophenol	9.964	139	50058	42.598	ng		96
27) 2,4-Dimethylphenol	10.023	122	70362	40.511	ng		97
28) bis(2-Chloroethoxy)met...	10.252	93	92176	40.466	ng		93
29) 2,4-Dichlorophenol	10.505	162	85970	40.335	ng		97
30) 1,2,4-Trichlorobenzene	10.716	180	93422	39.809	ng		97
31) Naphthalene	10.904	128	266874	39.462	ng		97
32) Benzoic acid	10.188	122	48248	40.231	ng	#	75
33) 4-Chloroaniline	11.016	127	109470	41.001	ng	#	95
34) Hexachlorobutadiene	11.186	225	68089	39.926	ng		90
35) Caprolactam	11.797	113	27447	41.679	ng		93
36) 4-Chloro-3-methylphenol	12.144	107	102375	41.583	ng	#	94
37) 2-Methylnaphthalene	12.514	142	201467	39.546	ng		98
38) 1-Methylnaphthalene	12.731	142	187222	39.102	ng		92
40) 1,2,4,5-Tetrachloroben...	12.884	216	108184	41.981	ng		97
41) Hexachlorocyclopentadiene	12.860	237	43979	33.841	ng		98
43) 2,4,6-Trichlorophenol	13.125	196	74585	42.931	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.207	196	78976	41.902	ng		87
46) 1,1'-Biphenyl	13.518	154	252615	40.554	ng		97
47) 2-Chloronaphthalene	13.565	162	205357	41.275	ng		99
48) 2-Nitroaniline	13.771	65	74302	40.671	ng		92
49) Acenaphthylene	14.411	152	319414	40.506	ng		97
50) Dimethylphthalate	14.135	163	266501	40.387	ng		98
51) 2,6-Dinitrotoluene	14.264	165	59473	40.935	ng		89
52) Acenaphthene	14.752	154	190907	40.189	ng		98
53) 3-Nitroaniline	14.599	138	58633	41.383	ng		96
54) 2,4-Dinitrophenol	14.811	184	36812	44.631	ng		93
55) Dibenzofuran	15.087	168	307513	39.905	ng		97
56) 4-Nitrophenol	14.917	139	44063	42.569	ng		96
57) 2,4-Dinitrotoluene	15.057	165	87574	42.916	ng		95
58) Fluorene	15.739	166	256863	41.009	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.322	232	73419	41.941	ng		99
60) Diethylphthalate	15.498	149	271669	40.935	ng		97
61) 4-Chlorophenyl-phenyle...	15.727	204	136198	40.740	ng		95
62) 4-Nitroaniline	15.762	138	58748	40.310	ng		96
63) Azobenzene	16.021	77	272112	38.738	ng		87
65) 4,6-Dinitro-2-methylph...	15.827	198	52654	41.924	ng		90
66) n-Nitrosodiphenylamine	15.945	169	223400	40.464	ng		97
67) 4-Bromophenyl-phenylether	16.620	248	92339	40.127	ng		92
68) Hexachlorobenzene	16.749	284	102052	39.916	ng		97
69) Atrazine	16.890	200	88346	40.004	ng		95
70) Pentachlorophenol	17.096	266	48789	35.589	ng		93
71) Phenanthrene	17.484	178	402202	39.125	ng		96
72) Anthracene	17.578	178	396391	39.263	ng		97
73) Carbazole	17.848	167	382009	39.952	ng		97
74) Di-n-butylphthalate	18.394	149	438624	39.351	ng		97
75) Fluoranthene	19.499	202	487846	38.565	ng		98
77) Benzidine	19.669	184	188384	43.649	ng		98
78) Pyrene	19.863	202	484619	42.201	ng		97
80) Butylbenzylphthalate	20.732	149	180492	41.270	ng		94
81) Benzo(a)anthracene	21.707	228	437290	39.864	ng		98
82) 3,3'-Dichlorobenzidine	21.619	252	128758	40.200	ng	#	98
83) Chrysene	21.778	228	415421	39.617	ng		96
84) Bis(2-ethylhexyl)phtha...	21.596	149	249358	40.279	ng	#	95
85) Di-n-octyl phthalate	22.823	149	415101	39.691	ng		99
87) Indeno(1,2,3-cd)pyrene	28.768	276	502343	39.061	ng	#	96
88) Benzo(b)fluoranthene	23.969	252	454125	38.829	ng		98
89) Benzo(k)fluoranthene	24.034	252	429299m	39.352	ng		
90) Benzo(a)pyrene	24.856	252	417521	39.447	ng		99
91) Dibenzo(a,h)anthracene	28.839	278	430496	39.724	ng		95
92) Benzo(g,h,i)perylene	29.949	276	424520	39.984	ng		97

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

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