Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040921\
Data File : BG048644.D
Acq On : 9 Apr 2021 13:59
Operator : CG/JU
Sample : PB135641BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB135641BS

Manual Integrations APPROVED
mohammad
4/12/2021 1:17:40 PM

Quant Time: Apr 09 15:47:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.094	152	22004	20.00	ng		# 0.00
21) Naphthalene-d8	10.920	136	96460	20.00	ng		# 0.00
39) Acenaphthene-d10	14.745	164	69559	20.00	ng		0.00
64) Phenanthrene-d10	17.500	188	172146	20.00	ng		# 0.00
76) Chrysene-d12	21.795	240	165605	20.00	ng		# 0.00
86) Perylene-d12	25.138	264	162828	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.638	112	180714	145.00	ng		0.00
7) Phenol-d6	7.248	99	224895	124.42	ng		0.00
23) Nitrobenzene-d5	9.263	82	155114	77.85	ng		0.00
42) 2,4,6-Tribromophenol	16.237	330	128554	140.59	ng		0.00
45) 2-Fluorobiphenyl	13.364	172	385284	82.33	ng		0.00
79) Terphenyl-d14	20.109	244	802763	88.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.493	88	14386	28.69	ng		96
3) Pyridine	3.905	79	44106	35.08	ng		96
4) n-Nitrosodimethylamine	3.811	42	36183	44.05	ng		98
6) Aniline	7.406	93	72150	34.75	ng		93
8) 2-Chlorophenol	7.653	128	68197	48.42	ng		91
9) Benzaldehyde	7.218	77	41081	35.56	ng		92
10) Phenol	7.277	94	84786	46.85	ng		98
11) bis(2-Chloroethyl)ether	7.500	93	53415	42.54	ng		96
12) 1,3-Dichlorobenzene	7.982	146	71180	44.86	ng		97
13) 1,4-Dichlorobenzene	8.129	146	75527	47.21	ng		92
14) 1,2-Dichlorobenzene	8.446	146	71799	46.86	ng		97
15) Benzyl Alcohol	8.329	79	67899	45.86	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.611	45	52845	43.63	ng		90
17) 2-Methylphenol	8.540	107	56522	48.27	ng	#	84
18) Hexachloroethane	9.187	117	25884	43.54	ng	#	83
19) n-Nitroso-di-n-propyla...	8.899	70	51528	41.36	ng	#	97
20) 3+4-Methylphenols	8.863	107	76454	47.04	ng		90
22) Acetophenone	8.916	105	104086	41.85	ng		98
24) Nitrobenzene	9.304	77	79474	40.65	ng		100
25) Isophorone	9.827	82	144097	39.16	ng		97
26) 2-Nitrophenol	10.021	139	39378	43.83	ng		99
27) 2,4-Dimethylphenol	10.080	122	71077	50.28	ng		90
28) bis(2-Chloroethoxy)met...	10.315	93	74686	44.29	ng	#	95
29) 2,4-Dichlorophenol	10.561	162	72350	45.20	ng		93
30) 1,2,4-Trichlorobenzene	10.779	180	79810	43.39	ng		96
31) Naphthalene	10.973	128	212959	42.94	ng		99
32) Benzoic acid	10.209	122	41548	38.21	ng		95
33) 4-Chloroaniline	11.073	127	49982	23.88	ng		97
34) Hexachlorobutadiene	11.249	225	58731	43.72	ng		96
35) Caprolactam	11.848	113	25699m	44.01	ng		
36) 4-Chloro-3-methylphenol	12.195	107	77267	42.99	ng		98
37) 2-Methylnaphthalene	12.571	142	164935	41.77	ng		96
38) 1-Methylnaphthalene	12.794	142	155477	41.29	ng		100
40) 1,2,4,5-Tetrachloroben...	12.941	216	97150	45.05	ng		97
41) Hexachlorocyclopentadiene	12.917	237	124926	100.01	ng		90
43) 2,4,6-Trichlorophenol	13.176	196	66435	44.82	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.252	196	71805	45.28	ng		97
46) 1,1'-Biphenyl	13.576	154	224051	44.08	ng		99
47) 2-Chloronaphthalene	13.623	162	167851	43.35	ng		97
48) 2-Nitroaniline	13.822	65	56668	46.04	ng		91
49) Acenaphthylene	14.469	152	284820	46.92	ng		98
50) Dimethylphthalate	14.192	163	236145	45.74	ng		97
51) 2,6-Dinitrotoluene	14.310	165	52251	44.24	ng		98
52) Acenaphthene	14.809	154	176257	40.14	ng		97
53) 3-Nitroaniline	14.651	138	37660	32.51	ng	#	76
54) 2,4-Dinitrophenol	14.851	184	67551	101.71	ng		89
55) Dibenzofuran	15.144	168	275185	42.91	ng		97
56) 4-Nitrophenol	14.962	139	92214	98.63	ng	#	84
57) 2,4-Dinitrotoluene	15.103	165	81324	48.67	ng		96
58) Fluorene	15.791	166	236880	44.13	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.368	232	71022	45.91	ng		98
60) Diethylphthalate	15.556	149	250109	47.15	ng		97
61) 4-Chlorophenyl-phenyle...	15.785	204	129954	45.00	ng		98
62) 4-Nitroaniline	15.814	138	55306	45.65	ng		96
63) Azobenzene	16.078	77	209897	40.22	ng		94
65) 4,6-Dinitro-2-methylph...	15.867	198	47967	46.37	ng		97
66) n-Nitrosodiphenylamine	15.996	169	214856	43.87	ng		96
67) 4-Bromophenyl-phenylether	16.678	248	86999	45.59	ng		96
68) Hexachlorobenzene	16.795	284	94897	47.63	ng		98
69) Atrazine	16.942	200	97021	48.57	ng		95
70) Pentachlorophenol	17.148	266	118025	95.30	ng		91
71) Phenanthrene	17.541	178	406312	45.47	ng		98
72) Anthracene	17.630	178	421678	47.35	ng		98
73) Carbazole	17.900	167	382272	45.27	ng		97
74) Di-n-butylphthalate	18.452	149	463905	49.17	ng		98
75) Fluoranthene	19.551	202	523500	47.25	ng		96
77) Benzidine	19.727	184	202612	36.13	ng		97
78) Pyrene	19.915	202	524264	46.04	ng		98
80) Butylbenzylphthalate	20.791	149	204754	48.41	ng		94
81) Benzo(a)anthracene	21.772	228	521308	47.11	ng		97
82) 3,3'-Dichlorobenzidine	21.684	252	138772	36.51	ng		94
83) Chrysene	21.842	228	491897	46.59	ng		97
84) Bis(2-ethylhexyl)phtha...	21.666	149	295132	50.10	ng	#	99
85) Di-n-octyl phthalate	22.918	149	490998	47.81	ng		99
87) Indeno(1,2,3-cd)pyrene	28.981	276	545485	47.79	ng	#	73
88) Benzo(b)fluoranthene	24.069	252	524088	49.56	ng		98
89) Benzo(k)fluoranthene	24.140	252	484358	47.64	ng		100
90) Benzo(a)pyrene	24.980	252	460956	47.29	ng		99
91) Dibenzo(a,h)anthracene	29.046	278	455583	46.76	ng		99
92) Benzo(g,h,i)perylene	30.174	276	403832	42.32	ng		96

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

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