Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122021\
Data File : BM033537.D
Acq On : 20 Dec 2021 13:20
Operator : CG/JU
Sample : PB141458BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB141458BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021

Quant Time: Dec 21 03:58:43 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 21 03:57:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	39263	20.000	ng	0.00
21) Naphthalene-d8	10.730	136	161466	20.000	ng	# 0.00
39) Acenaphthene-d10	14.571	164	106483	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	207369	20.000	ng	0.00
76) Chrysene-d12	21.494	240	151473	20.000	ng	0.00
86) Perylene-d12	23.900	264	122577	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	280775	123.396	ng	0.00
7) Phenol-d6	7.095	99	350776	114.873	ng	0.00
23) Nitrobenzene-d5	9.095	82	296148	78.753	ng	0.00
42) 2,4,6-Tribromophenol	16.065	330	143900	120.135	ng	0.00
45) 2-Fluorobiphenyl	13.195	172	623298	80.972	ng	0.00
79) Terphenyl-d14	19.936	244	804472	83.613	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.378	88	24393	27.643	ng	# 92
3) Pyridine	3.790	79	56412	23.273	ng	# 89
4) n-Nitrosodimethylamine	3.696	42	71251	41.326	ng	# 79
6) Aniline	7.254	93	117206	33.608	ng	95
8) 2-Chlorophenol	7.489	128	103158	41.821	ng	97
10) Phenol	7.125	94	131134	42.508	ng	83
11) bis(2-Chloroethyl)ether	7.348	93	99850	41.078	ng	99
12) 1,3-Dichlorobenzene	7.807	146	120290	40.140	ng	94
13) 1,4-Dichlorobenzene	7.960	146	122614	39.870	ng	99
14) 1,2-Dichlorobenzene	8.272	146	117828	39.056	ng	97
15) Benzyl Alcohol	8.172	79	118237m	42.960	ng	
16) 2,2'-oxybis(1-Chloropr...	8.454	45	176677	40.878	ng	99
17) 2-Methylphenol	8.372	107	92238	42.073	ng	93
18) Hexachloroethane	9.001	117	52684	41.114	ng	87
19) n-Nitroso-di-n-propyla...	8.742	70	95590	39.707	ng	91
20) 3+4-Methylphenols	8.707	107	120872	41.331	ng	89
22) Acetophenone	8.760	105	173484	39.685	ng	# 91
24) Nitrobenzene	9.136	77	154364	41.791	ng	96
25) Isophorone	9.666	82	241713	39.701	ng	# 98
26) 2-Nitrophenol	9.848	139	59600	46.195	ng	# 86
27) 2,4-Dimethylphenol	9.913	122	100577	47.435	ng	95
28) bis(2-Chloroethoxy)met...	10.148	93	138585	41.441	ng	98
29) 2,4-Dichlorophenol	10.383	162	104427	43.180	ng	97
30) 1,2,4-Trichlorobenzene	10.595	180	124294	40.533	ng	99
31) Naphthalene	10.783	128	349031	39.904	ng	99
32) Benzoic acid	10.078	122	67156	45.574	ng	96
33) 4-Chloroaniline	10.907	127	50385	17.806	ng	95
34) Hexachlorobutadiene	11.060	225	86998	40.691	ng	97
35) Caprolactam	11.719	113	28087m	58.789	ng	
36) 4-Chloro-3-methylphenol	12.030	107	123903	39.916	ng	95
37) 2-Methylnaphthalene	12.395	142	256304	42.360	ng	# 96
38) 1-Methylnaphthalene	12.613	142	236773m	39.232	ng	
40) 1,2,4,5-Tetrachloroben...	12.760	216	135609	44.209	ng	# 97
41) Hexachlorocyclopentadiene	12.736	237	202529	152.676	ng	99
43) 2,4,6-Trichlorophenol	13.007	196	89800	43.780	ng	94
44) 2,4,5-Trichlorophenol	13.083	196	95607	43.677	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.407	154	329258	41.758	ng		98
47) 2-Chloronaphthalene	13.448	162	254477	41.751	ng		97
48) 2-Nitroaniline	13.660	65	94741	45.625	ng		92
49) Acenaphthylene	14.295	152	402503	41.682	ng		99
50) Dimethylphthalate	14.036	163	324094	40.182	ng		98
51) 2,6-Dinitrotoluene	14.160	165	67564	44.324	ng		86
52) Acenaphthene	14.636	154	238834	40.724	ng		98
53) 3-Nitroaniline	14.489	138	41911	29.316	ng		98
54) 2,4-Dinitrophenol	14.695	184	84027	102.463	ng	#	78
55) Dibenzofuran	14.971	168	394024	39.645	ng		94
56) 4-Nitrophenol	14.807	139	100586	87.779	ng	#	81
57) 2,4-Dinitrotoluene	14.942	165	92710	44.473	ng	#	93
58) Fluorene	15.618	166	318614	39.945	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.195	232	83278	41.816	ng		96
60) Diethylphthalate	15.395	149	348424	40.172	ng		99
61) 4-Chlorophenyl-phenyle...	15.612	204	165602	39.991	ng		92
62) 4-Nitroaniline	15.654	138	58845	39.979	ng	#	67
63) Azobenzene	15.907	77	386570	39.729	ng		95
65) 4,6-Dinitro-2-methylph...	15.701	198	52565	49.845	ng		95
66) n-Nitrosodiphenylamine	15.830	169	268179	43.563	ng		96
67) 4-Bromophenyl-phenylether	16.507	248	97445	43.068	ng	#	88
68) Hexachlorobenzene	16.618	284	106474	43.825	ng		97
69) Atrazine	16.783	200	96397	73.856	ng		97
70) Pentachlorophenol	16.965	266	132199	96.936	ng		98
71) Phenanthrene	17.359	178	475250	41.178	ng		99
72) Anthracene	17.454	178	478395	42.399	ng		98
73) Carbazole	17.730	167	404123	40.567	ng		99
74) Di-n-butylphthalate	18.283	149	584309	42.192	ng	#	98
75) Fluoranthene	19.371	202	508530	38.303	ng		96
77) Benzidine	19.565	184	117500	165.904	ng		99
78) Pyrene	19.736	202	512578	42.889	ng		98
80) Butylbenzylphthalate	20.630	149	228183	42.661	ng		95
81) Benzo(a)anthracene	21.483	228	422116	41.578	ng		99
82) 3,3'-Dichlorobenzidine	21.418	252	126209	31.707	ng		97
83) Chrysene	21.536	228	409262	41.868	ng		99
84) Bis(2-ethylhexyl)phtha...	21.406	149	330016	42.095	ng		98
85) Di-n-octyl phthalate	22.330	149	520630	40.853	ng		100
87) Indeno(1,2,3-cd)pyrene	26.400	276	372206	65.861	ng	#	93
88) Benzo(b)fluoranthene	23.165	252	383609	48.804	ng	#	98
89) Benzo(k)fluoranthene	23.218	252	352342	44.317	ng	#	97
90) Benzo(a)pyrene	23.794	252	346274	58.870	ng	#	97
91) Dibenzo(a,h)anthracene	26.412	278	324226	76.489	ng		97
92) Benzo(g,h,i)perylene	27.171	276	326370	59.874	ng		95

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

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