Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125553.D
Acq On : 22 Sep 2021 11:43
Operator : JU/CG
Sample : PB139236BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB139236BS

Manual Integrations APPROVED
mohammad
9/23/2021 1:20:30 PM

Quant Time: Sep 22 12:17:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 19:21:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	281041	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	1183427	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	628720	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	1038668	20.000	ng	0.00
76) Chrysene-d12	14.063	240	599293	20.000	ng	0.00
86) Perylene-d12	15.539	264	477800	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	2088660	117.524	ng	0.02
7) Phenol-d6	6.528	99	2563745	111.885	ng	0.00
23) Nitrobenzene-d5	7.463	82	1627521	87.717	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	747980	121.463	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2969108	85.570	ng	0.00
79) Terphenyl-d14	13.010	244	2839053	76.499	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.799	88	253834	35.425	ng	# 100
3) Pyridine	3.540	79	589723	30.714	ng	# 73
4) n-Nitrosodimethylamine	3.499	42	324481	42.848	ng	# 6
6) Aniline	6.563	93	1091540	41.377	ng	95
8) 2-Chlorophenol	6.687	128	918854	45.276	ng	98
9) Benzaldehyde	6.451	77	489238	45.086	ng	93
10) Phenol	6.540	94	978481m	41.953	ng	
11) bis(2-Chloroethyl)ether	6.634	93	846988	45.424	ng	99
12) 1,3-Dichlorobenzene	6.840	146	934862	42.860	ng	97
13) 1,4-Dichlorobenzene	6.916	146	953174	43.232	ng	97
14) 1,2-Dichlorobenzene	7.069	146	929425	45.136	ng	99
15) Benzyl Alcohol	7.040	79	697599	42.542	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1114765	43.450	ng	89
17) 2-Methylphenol	7.145	107	717988	44.322	ng	97
18) Hexachloroethane	7.416	117	347548	44.273	ng	90
19) n-Nitroso-di-n-propyla...	7.316	70	573229	41.798	ng	# 70
20) 3+4-Methylphenols	7.298	107	834616	41.436	ng	93
22) Acetophenone	7.310	105	1174079	42.879	ng	# 91
24) Nitrobenzene	7.481	77	852684	43.368	ng	95
25) Isophorone	7.722	82	1616718	40.490	ng	93
26) 2-Nitrophenol	7.798	139	467145	52.765	ng	# 94
27) 2,4-Dimethylphenol	7.834	122	826273	46.567	ng	97
28) bis(2-Chloroethoxy)met...	7.928	93	1047879	45.678	ng	97
29) 2,4-Dichlorophenol	8.034	162	753934	42.031	ng	96
30) 1,2,4-Trichlorobenzene	8.122	180	807521	42.716	ng	96
31) Naphthalene	8.204	128	2511511	41.323	ng	98
32) Benzoic acid	7.963	122	573254	53.209	ng	99
33) 4-Chloroaniline	8.245	127	812692	32.622	ng	99
34) Hexachlorobutadiene	8.322	225	448306	42.056	ng	100
35) Caprolactam	8.628	113	217409m	44.195	ng	
36) 4-Chloro-3-methylphenol	8.728	107	742318	42.128	ng	98
37) 2-Methylnaphthalene	8.898	142	1713195	41.616	ng	98
38) 1-Methylnaphthalene	8.998	142	1581414	40.942	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	684557	40.438	ng	99
41) Hexachlorocyclopentadiene	9.051	237	847535	89.524	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	539929	42.331	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	562229	42.003	ng		92
46) 1,1'-Biphenyl	9.363	154	1886142	39.816	ng		95
47) 2-Chloronaphthalene	9.386	162	1594342	40.521	ng		99
48) 2-Nitroaniline	9.475	65	428830	51.077	ng		96
49) Acenaphthylene	9.804	152	2357429	40.769	ng		95
50) Dimethylphthalate	9.663	163	1838752	42.495	ng		97
51) 2,6-Dinitrotoluene	9.722	165	409785	47.601	ng		95
52) Acenaphthene	9.975	154	1610335	44.117	ng		97
53) 3-Nitroaniline	9.886	138	358515	39.212	ng		88
54) 2,4-Dinitrophenol	9.992	184	385836	124.406	ng	#	82
55) Dibenzofuran	10.151	168	2121198	39.160	ng		97
56) 4-Nitrophenol	10.045	139	700931	94.505	ng		88
57) 2,4-Dinitrotoluene	10.128	165	539477	52.291	ng	#	80
58) Fluorene	10.492	166	1574939	37.805	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.263	232	427203	42.493	ng	#	91
60) Diethylphthalate	10.363	149	1810332	42.451	ng		99
61) 4-Chlorophenyl-phenyle...	10.481	204	737134	39.785	ng		91
62) 4-Nitroaniline	10.510	138	415350	50.270	ng	#	76
63) Azobenzene	10.639	77	1636461	39.493	ng		87
65) 4,6-Dinitro-2-methylph...	10.533	198	247043	48.997	ng	#	78
66) n-Nitrosodiphenylamine	10.598	169	1511125	40.073	ng		95
67) 4-Bromophenyl-phenylether	10.969	248	483868	40.765	ng		95
68) Hexachlorobenzene	11.039	284	560428	41.895	ng	#	84
69) Atrazine	11.128	200	475273	46.867	ng		94
70) Pentachlorophenol	11.228	266	617653	80.985	ng		97
71) Phenanthrene	11.451	178	2282429	39.120	ng		94
72) Anthracene	11.504	178	2340132	40.238	ng		95
73) Carbazole	11.651	167	2177319	39.584	ng		98
74) Di-n-butylphthalate	11.986	149	2615303	40.063	ng		98
75) Fluoranthene	12.639	202	2261407	39.508	ng		96
77) Benzidine	12.751	184	995677	58.594	ng		98
78) Pyrene	12.869	202	2293404	40.836	ng	#	94
80) Butylbenzylphthalate	13.486	149	1021267	45.003	ng		99
81) Benzo(a)anthracene	14.057	228	1627442	39.893	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	589192	47.137	ng		96
83) Chrysene	14.092	228	1668443	40.486	ng		95
84) Bis(2-ethylhexyl)phtha...	14.045	149	1239158	44.667	ng		99
85) Di-n-octyl phthalate	14.657	149	2018588	43.761	ng	#	90
87) Indeno(1,2,3-cd)pyrene	17.039	276	1592400	46.427	ng		97
88) Benzo(b)fluoranthene	15.110	252	1547423	44.283	ng		98
89) Benzo(k)fluoranthene	15.139	252	1493250m	46.725	ng		
90) Benzo(a)pyrene	15.480	252	1446291	47.554	ng		96
91) Dibenzo(a,h)anthracene	17.057	278	1344229	46.242	ng		97
92) Benzo(g,h,i)perylene	17.492	276	1339971	46.704	ng		92

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

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