Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092121\
Data File : BF125532.D
Acq On : 21 Sep 2021 12:14
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
9/22/2021 4:41:31 PM

Quant Time: Sep 21 13:29:58 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 13:26:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	229980	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	904182	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	462895	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	740123	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	402485	20.000	ng	0.00
86) Perylene-d12	15.539	264	379228	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1314408	90.811	ng	0.00
7) Phenol-d6	6.522	99	1703081	88.531	ng	0.00
23) Nitrobenzene-d5	7.469	82	1398746	76.381	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	425576	75.487	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2483378	78.723	ng	0.00
79) Terphenyl-d14	13.010	244	2259029	91.012	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	277275	38.794	ng	# 100
3) Pyridine	3.451	79	740543	39.959	ng	# 75
4) n-Nitrosodimethylamine	3.416	42	292776	31.740	ng	# 3
6) Aniline	6.569	93	1017726	46.070	ng	94
8) 2-Chlorophenol	6.687	128	771353	50.822	ng	97
9) Benzaldehyde	6.451	77	436988	37.444	ng	93
10) Phenol	6.539	94	886436	40.664	ng	89
11) bis(2-Chloroethyl)ether	6.639	93	710475	45.229	ng	96
12) 1,3-Dichlorobenzene	6.845	146	819617	46.785	ng	95
13) 1,4-Dichlorobenzene	6.922	146	833957	47.217	ng	98
14) 1,2-Dichlorobenzene	7.075	146	765262	45.201	ng	99
15) Benzyl Alcohol	7.039	79	622542	45.181	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.175	45	973329	33.734	ng	90
17) 2-Methylphenol	7.145	107	618567	48.216	ng	96
18) Hexachloroethane	7.416	117	302525	48.657	ng	94
19) n-Nitroso-di-n-propyla...	7.322	70	508070	43.945	ng	# 70
20) 3+4-Methylphenols	7.298	107	739264	48.033	ng	86
22) Acetophenone	7.310	105	956523	42.926	ng	# 91
24) Nitrobenzene	7.486	77	738459	38.135	ng	98
25) Isophorone	7.728	82	1408239	40.305	ng	94
26) 2-Nitrophenol	7.798	139	362029	41.499	ng	# 91
27) 2,4-Dimethylphenol	7.828	122	627665	49.784	ng	95
28) bis(2-Chloroethoxy)met...	7.934	93	811143	42.874	ng	98
29) 2,4-Dichlorophenol	8.034	162	645383	44.763	ng	95
30) 1,2,4-Trichlorobenzene	8.122	180	668511	43.442	ng	96
31) Naphthalene	8.210	128	2083544	46.264	ng	98
32) Benzoic acid	7.951	122	437168	51.095	ng	97
33) 4-Chloroaniline	8.251	127	876491	47.302	ng	98
34) Hexachlorobutadiene	8.328	225	375792	37.492	ng	99
35) Caprolactam	8.628	113	178234m	40.808	ng	
36) 4-Chloro-3-methylphenol	8.728	107	623975	40.773	ng	99
37) 2-Methylnaphthalene	8.898	142	1407290	45.010	ng	97
38) 1-Methylnaphthalene	8.998	142	1320685	45.327	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	576934	38.992	ng	99
41) Hexachlorocyclopentadiene	9.051	237	333838	70.600	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	452700	44.580	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	466564	42.638	ng		93
46) 1,1'-Biphenyl	9.363	154	1577169	45.440	ng		95
47) 2-Chloronaphthalene	9.386	162	1338851	46.714	ng		99
48) 2-Nitroaniline	9.475	65	328163	32.697	ng		99
49) Acenaphthylene	9.804	152	1919554	45.280	ng		95
50) Dimethylphthalate	9.663	163	1452241	44.000	ng		97
51) 2,6-Dinitrotoluene	9.722	165	326396	44.010	ng		93
52) Acenaphthene	9.975	154	1233295	48.006	ng		95
53) 3-Nitroaniline	9.886	138	348300	42.809	ng		87
54) 2,4-Dinitrophenol	9.986	184	123431	31.643	ng		88
55) Dibenzofuran	10.145	168	1796969	46.823	ng		100
56) 4-Nitrophenol	10.033	139	280637	50.614	ng		88
57) 2,4-Dinitrotoluene	10.122	165	405329	42.469	ng	#	86
58) Fluorene	10.492	166	1295610	42.513	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.257	232	350016	40.036	ng	#	90
60) Diethylphthalate	10.363	149	1443386	45.422	ng		98
61) 4-Chlorophenyl-phenyle...	10.480	204	601799	39.256	ng		91
62) 4-Nitroaniline	10.504	138	308432	37.355	ng	#	79
63) Azobenzene	10.639	77	1395809	41.211	ng		87
65) 4,6-Dinitro-2-methylph...	10.527	198	196513	40.458	ng		87
66) n-Nitrosodiphenylamine	10.598	169	1239962	49.530	ng		95
67) 4-Bromophenyl-phenylether	10.969	248	390478	43.488	ng		96
68) Hexachlorobenzene	11.039	284	444505	46.216	ng	#	81
69) Atrazine	11.122	200	326013	43.531	ng		94
70) Pentachlorophenol	11.222	266	264525	60.718	ng		96
71) Phenanthrene	11.451	178	1858935	46.941	ng		95
72) Anthracene	11.504	178	1849518	46.554	ng		96
73) Carbazole	11.651	167	1795195	48.464	ng		98
74) Di-n-butylphthalate	11.986	149	2049991	48.441	ng		98
75) Fluoranthene	12.639	202	1805549	41.793	ng		97
77) Benzidine	12.751	184	510726	41.344	ng		98
78) Pyrene	12.868	202	1796732m	54.045	ng		
80) Butylbenzylphthalate	13.486	149	756203	56.946	ng		98
81) Benzo(a)anthracene	14.051	228	1258438	43.353	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	400930	45.383	ng		97
83) Chrysene	14.092	228	1285560	45.758	ng		95
84) Bis(2-ethylhexyl)phtha...	14.045	149	895280	50.913	ng		100
85) Di-n-octyl phthalate	14.657	149	1549838	54.740	ng	#	91
87) Indeno(1,2,3-cd)pyrene	17.033	276	1363511	55.434	ng		98
88) Benzo(b)fluoranthene	15.110	252	1263622	43.933	ng		98
89) Benzo(k)fluoranthene	15.139	252	1174539m	44.377	ng		
90) Benzo(a)pyrene	15.480	252	1137902	46.637	ng		97
91) Dibenzo(a,h)anthracene	17.056	278	1148091	54.737	ng		97
92) Benzo(g,h,i)perylene	17.492	276	1143734	55.450	ng		94

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

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