Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
Data File : BF125685.D
Acq On : 28 Sep 2021 12:55
Operator : JU/CG
Sample : PB139114BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB139114BSD

Manual Integrations APPROVED
mohammad
9/29/2021 12:54:56 PM

Quant Time: Sep 28 13:52:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 15:38:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	356869	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	1503544	20.000	ng	#	0.00
39) Acenaphthene-d10	9.927	164	770522	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	1195067	20.000	ng		0.00
76) Chrysene-d12	14.051	240	622174	20.000	ng		0.00
86) Perylene-d12	15.521	264	672295	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	2469652	114.017	ng		0.02
7) Phenol-d6	6.522	99	3050041	104.738	ng		0.01
23) Nitrobenzene-d5	7.457	82	1880776	87.250	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	829761	115.499	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	3298773	75.418	ng		0.00
79) Terphenyl-d14	12.998	244	2620403	72.936	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	302420	32.806	ng	#	100
3) Pyridine	3.516	79	717039	29.408	ng	#	70
4) n-Nitrosodimethylamine	3.475	42	379421	41.939	ng	#	1
6) Aniline	6.551	93	1372691	40.825	ng		95
8) 2-Chlorophenol	6.675	128	1077603	43.859	ng		98
9) Benzaldehyde	6.439	77	590171	45.683	ng		93
10) Phenol	6.534	94	1177168m	39.990	ng		
11) bis(2-Chloroethyl)ether	6.628	93	985061	43.061	ng		95
12) 1,3-Dichlorobenzene	6.834	146	1086199	40.036	ng		96
13) 1,4-Dichlorobenzene	6.910	146	1100944	39.886	ng		98
14) 1,2-Dichlorobenzene	7.063	146	1069498	41.067	ng		99
15) Benzyl Alcohol	7.034	79	807718	39.987	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1218988	41.863	ng		88
17) 2-Methylphenol	7.139	107	848584	42.117	ng		96
18) Hexachloroethane	7.404	117	398161	44.440	ng		93
19) n-Nitroso-di-n-propyla...	7.310	70	645944	38.959	ng	#	66
20) 3+4-Methylphenols	7.292	107	986231	38.935	ng		95
22) Acetophenone	7.304	105	1356116	39.748	ng	#	88
24) Nitrobenzene	7.475	77	997744	45.502	ng		97
25) Isophorone	7.716	82	1835303	38.017	ng		95
26) 2-Nitrophenol	7.786	139	550481	47.870	ng	#	91
27) 2,4-Dimethylphenol	7.822	122	973220	45.330	ng		96
28) bis(2-Chloroethoxy)met...	7.922	93	1186774	43.584	ng		98
29) 2,4-Dichlorophenol	8.028	162	878441	41.189	ng		97
30) 1,2,4-Trichlorobenzene	8.116	180	929303	40.027	ng		97
31) Naphthalene	8.198	128	2835152	36.725	ng		99
32) Benzoic acid	7.951	122	671086	43.613	ng		98
33) 4-Chloroaniline	8.239	127	890234	27.491	ng		98
34) Hexachlorobutadiene	8.316	225	498456	38.938	ng		99
35) Caprolactam	8.616	113	274476m	39.438	ng		
36) 4-Chloro-3-methylphenol	8.722	107	867052	38.798	ng		99
37) 2-Methylnaphthalene	8.886	142	1956937	37.375	ng		97
38) 1-Methylnaphthalene	8.986	142	1807224	36.522	ng		98
40) 1,2,4,5-Tetrachloroben...	9.057	216	784068	39.126	ng		99
41) Hexachlorocyclopentadiene	9.045	237	879443	103.724	ng		98
43) 2,4,6-Trichlorophenol	9.163	196	615210	43.778	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	643462	42.410	ng	#	89
46) 1,1'-Biphenyl	9.351	154	2139501	37.656	ng		94
47) 2-Chloronaphthalene	9.375	162	1835159	39.013	ng		99
48) 2-Nitroaniline	9.469	65	495173	44.922	ng		89
49) Acenaphthylene	9.792	152	2670337	37.710	ng		94
50) Dimethylphthalate	9.651	163	2044921	39.395	ng		97
51) 2,6-Dinitrotoluene	9.710	165	469872	44.736	ng		95
52) Acenaphthene	9.963	154	1832398	41.272	ng		98
53) 3-Nitroaniline	9.880	138	410855	34.956	ng		95
54) 2,4-Dinitrophenol	9.986	184	400084	80.710	ng	#	71
55) Dibenzofuran	10.139	168	2415226	36.259	ng		96
56) 4-Nitrophenol	10.039	139	756530	79.120	ng		89
57) 2,4-Dinitrotoluene	10.116	165	608542	46.326	ng	#	81
58) Fluorene	10.480	166	1791927	34.561	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.251	232	484913	41.527	ng	#	89
60) Diethylphthalate	10.351	149	1926376	38.494	ng		98
61) 4-Chlorophenyl-phenyle...	10.469	204	832603	36.128	ng		90
62) 4-Nitroaniline	10.498	138	473620	40.361	ng	#	74
63) Azobenzene	10.627	77	1793257	37.113	ng		85
65) 4,6-Dinitro-2-methylph...	10.522	198	261538	45.533	ng	#	75
66) n-Nitrosodiphenylamine	10.586	169	1697203	41.370	ng		95
67) 4-Bromophenyl-phenylether	10.957	248	532776	42.480	ng		98
68) Hexachlorobenzene	11.027	284	625048	42.463	ng	#	81
69) Atrazine	11.116	200	488726	44.928	ng		91
70) Pentachlorophenol	11.216	266	639996	82.265	ng		95
71) Phenanthrene	11.439	178	2488055	37.127	ng		94
72) Anthracene	11.492	178	2529712	38.201	ng		95
73) Carbazole	11.639	167	2298875	35.274	ng		98
74) Di-n-butylphthalate	11.974	149	2495436	37.981	ng		99
75) Fluoranthene	12.627	202	2240404	31.281	ng		97
77) Benzidine	12.739	184	1035868	63.376	ng		97
78) Pyrene	12.857	202	2226372	39.596	ng		95
80) Butylbenzylphthalate	13.468	149	805434	43.257	ng		98
81) Benzo(a)anthracene	14.039	228	1647897	38.991	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	564080	46.256	ng		100
83) Chrysene	14.074	228	1661508	39.175	ng		97
84) Bis(2-ethylhexyl)phtha...	14.027	149	979180	45.937	ng		100
85) Di-n-octyl phthalate	14.639	149	1802659	57.661	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.015	276	2087276	45.738	ng		97
88) Benzo(b)fluoranthene	15.092	252	1914171	40.639	ng		98
89) Benzo(k)fluoranthene	15.121	252	1660943	36.805	ng	#	97
90) Benzo(a)pyrene	15.468	252	1800247	42.936	ng		97
91) Dibenzo(a,h)anthracene	17.039	278	1736482	45.525	ng		96
92) Benzo(g,h,i)perylene	17.468	276	1787573	45.887	ng		93

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

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