Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092921\
Data File : BP007245.D
Acq On : 29 Sep 2021 14:36
Operator : CG/JU
Sample : PB139459BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB139459BS

Manual Integrations APPROVED
mohammad
9/30/2021 11:31:31 AM

Quant Time: Sep 29 16:41:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 29 14:45:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	220593	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	734352	20.000	ng	# 0.00
39) Acenaphthene-d10	14.510	164	495115	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	969784	20.000	ng	0.00
76) Chrysene-d12	21.351	240	938596	20.000	ng	0.00
86) Perylene-d12	23.762	264	959700	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1249294	94.801	ng	0.00
7) Phenol-d6	7.057	99	1824064	101.274	ng	0.00
23) Nitrobenzene-d5	9.040	82	886691	70.317	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	715767	111.509	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	2266967	65.595	ng	0.00
79) Terphenyl-d14	19.821	244	3481107	71.071	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	147967	27.766	ng	# 86
3) Pyridine	3.752	79	386690	26.517	ng	# 85
4) n-Nitrosodimethylamine	3.658	42	193982	38.802	ng	# 80
6) Aniline	7.205	93	713853	35.956	ng	97
8) 2-Chlorophenol	7.440	128	576959	40.284	ng	98
9) Benzaldehyde	7.016	77	264185m	26.039	ng	
10) Phenol	7.081	94	706232	40.670	ng	91
11) bis(2-Chloroethyl)ether	7.305	93	523837	38.217	ng	96
12) 1,3-Dichlorobenzene	7.763	146	582386	36.050	ng	96
13) 1,4-Dichlorobenzene	7.910	146	620158	37.655	ng	98
14) 1,2-Dichlorobenzene	8.228	146	582756	36.514	ng	98
15) Benzyl Alcohol	8.122	79	455821	39.514	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.404	45	480475	30.613	ng	88
17) 2-Methylphenol	8.328	107	397567	33.962	ng	94
18) Hexachloroethane	8.951	117	174108	31.487	ng	93
19) n-Nitroso-di-n-propyla...	8.687	70	295544	30.170	ng	98
20) 3+4-Methylphenols	8.657	107	509702	31.489	ng	96
22) Acetophenone	8.704	105	660853	37.348	ng	99
24) Nitrobenzene	9.081	77	458568	38.142	ng	97
25) Isophorone	9.616	82	815775	37.101	ng	97
26) 2-Nitrophenol	9.793	139	250960	40.032	ng	90
27) 2,4-Dimethylphenol	9.857	122	413364	41.878	ng	98
28) bis(2-Chloroethoxy)met...	10.093	93	526221	33.922	ng	99
29) 2,4-Dichlorophenol	10.334	162	447322	38.849	ng	98
30) 1,2,4-Trichlorobenzene	10.540	180	491217	37.448	ng	96
31) Naphthalene	10.728	128	1383306	36.909	ng	99
32) Benzoic acid	10.016	122	274045	36.123	ng	95
33) 4-Chloroaniline	10.840	127	444112	28.682	ng	99
34) Hexachlorobutadiene	11.010	225	306904	39.076	ng	99
35) Caprolactam	11.645	113	133423m	37.665	ng	
36) 4-Chloro-3-methylphenol	11.975	107	441939	37.760	ng	98
37) 2-Methylnaphthalene	12.340	142	999460	38.085	ng	97
38) 1-Methylnaphthalene	12.557	142	928770	36.221	ng	99
40) 1,2,4,5-Tetrachloroben...	12.710	216	564102	37.205	ng	98
41) Hexachlorocyclopentadiene	12.681	237	604120	71.890	ng	98
43) 2,4,6-Trichlorophenol	12.951	196	369787	35.743	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.022	196	397000	35.634	ng		96
46) 1,1'-Biphenyl	13.345	154	1240646	33.688	ng		99
47) 2-Chloronaphthalene	13.392	162	996354	34.926	ng		97
48) 2-Nitroaniline	13.598	65	255390	36.718	ng		91
49) Acenaphthylene	14.234	152	1561825	35.546	ng		100
50) Dimethylphthalate	13.975	163	1235458	34.694	ng		99
51) 2,6-Dinitrotoluene	14.092	165	275157	37.827	ng		88
52) Acenaphthene	14.575	154	955625	35.897	ng		99
53) 3-Nitroaniline	14.422	138	236553	30.077	ng		97
54) 2,4-Dinitrophenol	14.634	184	341011	81.383	ng		91
55) Dibenzofuran	14.910	168	1504988	33.884	ng		96
56) 4-Nitrophenol	14.739	139	480027	75.179	ng	#	81
57) 2,4-Dinitrotoluene	14.881	165	378883	39.471	ng		90
58) Fluorene	15.563	166	1194838	34.822	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.139	232	343883	35.151	ng		95
60) Diethylphthalate	15.333	149	1200590	34.794	ng		98
61) 4-Chlorophenyl-phenyle...	15.551	204	626975	34.578	ng		94
62) 4-Nitroaniline	15.586	138	280489	35.461	ng	#	81
63) Azobenzene	15.845	77	999554	33.429	ng		93
65) 4,6-Dinitro-2-methylph...	15.651	198	210972	36.251	ng		95
66) n-Nitrosodiphenylamine	15.769	169	1041266	36.086	ng		99
67) 4-Bromophenyl-phenylether	16.451	248	402434	37.863	ng		94
68) Hexachlorobenzene	16.569	284	471368	40.128	ng		94
69) Atrazine	16.728	200	391129	38.455	ng		98
70) Pentachlorophenol	16.916	266	557825	76.466	ng		99
71) Phenanthrene	17.304	178	1907216	36.678	ng		100
72) Anthracene	17.398	178	1923285	37.810	ng		99
73) Carbazole	17.669	167	1715884	34.424	ng		98
74) Di-n-butylphthalate	18.216	149	2009687	36.381	ng		98
75) Fluoranthene	19.274	202	2241419	37.413	ng		98
77) Benzidine	19.451	184	1037510	35.969	ng		99
78) Pyrene	19.627	202	2299469	37.341	ng		99
80) Butylbenzylphthalate	20.498	149	904027	36.658	ng		93
81) Benzo(a)anthracene	21.333	228	2184315	35.853	ng		99
82) 3,3'-Dichlorobenzidine	21.268	252	830318	39.684	ng		98
83) Chrysene	21.386	228	2139008	36.736	ng		99
84) Bis(2-ethylhexyl)phtha...	21.257	149	1292688	36.460	ng		97
85) Di-n-octyl phthalate	22.180	149	2238198	37.079	ng		99
87) Indeno(1,2,3-cd)pyrene	26.292	276	2796809	40.552	ng		98
88) Benzo(b)fluoranthene	23.027	252	2646516	46.144	ng		99
89) Benzo(k)fluoranthene	23.074	252	2502674	43.098	ng		99
90) Benzo(a)pyrene	23.657	252	2254055	46.259	ng		98
91) Dibenzo(a,h)anthracene	26.309	278	2407527	41.654	ng		99
92) Benzo(g,h,i)perylene	27.068	276	2409216	42.714	ng		98

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

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