Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125421.D
Acq On : 10 Sep 2021 13:24
Operator : JU/CG
Sample : PB139018BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB139018BS

Manual Integrations APPROVED
mohammad
9/14/2021 2:47:26 PM

Quant Time: Sep 10 15:03:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 08 14:14:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	160882	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	621898	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	327170	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	571755	20.000	ng	0.00
76) Chrysene-d12	14.063	240	335017	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	322853	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1178377	110.863	ng	0.01
7) Phenol-d6	6.528	99	1457521	106.026	ng	0.00
23) Nitrobenzene-d5	7.457	82	994076	80.473	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	462429	141.594	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1731709	73.770	ng	0.00
79) Terphenyl-d14	13.004	244	1806553	85.906	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.752	88	187311	35.713	ng	# 100
3) Pyridine	3.510	79	420005	30.334	ng	# 89
4) n-Nitrosodimethylamine	3.475	42	273909	39.534	ng	# 35
6) Aniline	6.551	93	638040	39.513	ng	# 91
8) 2-Chlorophenol	6.675	128	465649	42.944	ng	81
9) Benzaldehyde	6.440	77	341165	35.363	ng	93
10) Phenol	6.540	94	594429	41.291	ng	85
11) bis(2-Chloroethyl)ether	6.622	93	490785	43.287	ng	85
12) 1,3-Dichlorobenzene	6.828	146	512014	40.749	ng	98
13) 1,4-Dichlorobenzene	6.904	146	524157	41.866	ng	97
14) 1,2-Dichlorobenzene	7.057	146	504254	42.810	ng	98
15) Benzyl Alcohol	7.034	79	438668	41.445	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.163	45	889025	39.099	ng	95
17) 2-Methylphenol	7.145	107	387346	42.525	ng	# 92
18) Hexachloroethane	7.398	117	192384	43.882	ng	# 87
19) n-Nitroso-di-n-propyla...	7.304	70	333569	40.342	ng	# 77
20) 3+4-Methylphenols	7.298	107	434643	38.014	ng	# 72
22) Acetophenone	7.298	105	636850	39.790	ng	# 85
24) Nitrobenzene	7.475	77	539267	40.064	ng	89
25) Isophorone	7.710	82	945145	39.661	ng	# 89
26) 2-Nitrophenol	7.787	139	257357	47.883	ng	# 80
27) 2,4-Dimethylphenol	7.828	122	401751	42.697	ng	91
28) bis(2-Chloroethoxy)met...	7.916	93	583501	44.223	ng	# 96
29) 2,4-Dichlorophenol	8.034	162	397488	41.422	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	438662	41.921	ng	93
31) Naphthalene	8.192	128	1256478	39.450	ng	99
32) Benzoic acid	7.963	122	255874	40.066	ng	86
33) 4-Chloroaniline	8.239	127	433741	34.545	ng	# 89
34) Hexachlorobutadiene	8.304	225	286374	42.920	ng	99
35) Caprolactam	8.622	113	125050m	50.312	ng	
36) 4-Chloro-3-methylphenol	8.728	107	425602	43.445	ng	89
37) 2-Methylnaphthalene	8.886	142	867299	41.209	ng	100
38) 1-Methylnaphthalene	8.986	142	792138	40.305	ng	97
40) 1,2,4,5-Tetrachloroben...	9.051	216	445535	41.681	ng	97
41) Hexachlorocyclopentadiene	9.034	237	435173	77.489	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	302689	40.217	ng	97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125421.D
Acq On : 10 Sep 2021 13:24
Operator : JU/CG
Sample : PB139018BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB139018BS

Manual Integrations APPROVED
mohammad
9/14/2021 2:47:26 PM

Quant Time: Sep 10 15:03:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 08 14:14:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	322306	40.704	ng		91
46) 1,1'-Biphenyl	9.351	154	1006775	38.169	ng		98
47) 2-Chloronaphthalene	9.375	162	833630	38.892	ng		97
48) 2-Nitroaniline	9.475	65	298486	44.923	ng		84
49) Acenaphthylene	9.792	152	1232415	39.457	ng		98
50) Dimethylphthalate	9.651	163	974143	42.966	ng	#	97
51) 2,6-Dinitrotoluene	9.716	165	214396	43.610	ng		88
52) Acenaphthene	9.963	154	727473	37.570	ng		98
53) 3-Nitroaniline	9.886	138	190751	35.979	ng	#	75
54) 2,4-Dinitrophenol	9.998	184	219221	112.889	ng	#	82
55) Dibenzofuran	10.139	168	1066349	38.266	ng		96
56) 4-Nitrophenol	10.057	139	313450	74.660	ng	#	76
57) 2,4-Dinitrotoluene	10.122	165	279302	46.941	ng	#	97
58) Fluorene	10.480	166	857011	41.598	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	255641	43.504	ng	#	83
60) Diethylphthalate	10.351	149	943113	42.669	ng		98
61) 4-Chlorophenyl-phenyle...	10.469	204	442140	42.446	ng	#	86
62) 4-Nitroaniline	10.504	138	224505	47.091	ng	#	83
63) Azobenzene	10.628	77	949786	38.310	ng		91
65) 4,6-Dinitro-2-methylph...	10.533	198	153339	50.672	ng		79
66) n-Nitrosodiphenylamine	10.592	169	818830	39.997	ng		96
67) 4-Bromophenyl-phenylether	10.957	248	302107	44.002	ng		95
68) Hexachlorobenzene	11.028	284	326535	46.231	ng	#	85
69) Atrazine	11.116	200	279506	47.578	ng		92
70) Pentachlorophenol	11.227	266	323160	78.359	ng		91
71) Phenanthrene	11.445	178	1246970	39.581	ng		97
72) Anthracene	11.498	178	1285009	41.382	ng		98
73) Carbazole	11.651	167	1105113	38.945	ng		99
74) Di-n-butylphthalate	11.975	149	1405927	41.752	ng		100
75) Fluoranthene	12.633	202	1238877	39.632	ng		96
77) Benzidine	12.751	184	621201	53.092	ng		98
78) Pyrene	12.863	202	1239975	43.148	ng		96
80) Butylbenzylphthalate	13.474	149	506881	44.888	ng		93
81) Benzo(a)anthracene	14.051	228	994900	41.217	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	325724	43.532	ng		97
83) Chrysene	14.092	228	976770	40.918	ng		98
84) Bis(2-ethylhexyl)phtha...	14.027	149	667990	43.040	ng		99
85) Di-n-octyl phthalate	14.645	149	1082282	41.928	ng		97
87) Indeno(1,2,3-cd)pyrene	17.068	276	1120115	48.159	ng	#	89
88) Benzo(b)fluoranthene	15.115	252	993234	42.109	ng	#	94
89) Benzo(k)fluoranthene	15.145	252	951129	43.213	ng		99
90) Benzo(a)pyrene	15.492	252	959014	46.029	ng	#	95
91) Dibenzo(a,h)anthracene	17.080	278	937691	46.640	ng	#	95
92) Benzo(g,h,i)perylene	17.521	276	939461	48.462	ng	#	88

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125421.D
Acq On : 10 Sep 2021 13:24
Operator : JU/CG
Sample : PB139018BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 10 15:03:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 08 14:14:01 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB139018BS

Manual Integrations APPROVED
mohammad
9/14/2021 2:47:26 PM