Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
Data File : BF125325.D
Acq On : 2 Sep 2021 17:32
Operator : JU/CG
Sample : M3637-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
117-P1MSD

Manual Integrations APPROVED
mohammad
9/3/2021 3:30:38 PM

Quant Time: Sep 02 18:11:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.910	152	159722	20.000	ng		0.00
21) Naphthalene-d8	8.192	136	630755	20.000	ng	#	0.00
39) Acenaphthene-d10	9.951	164	344532	20.000	ng		0.00
64) Phenanthrene-d10	11.439	188	660790	20.000	ng		0.00
76) Chrysene-d12	14.086	240	477200	20.000	ng		0.00
86) Perylene-d12	15.586	264	367126	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	1093934	103.666	ng		0.00
7) Phenol-d6	6.545	99	1448927	106.166	ng		0.00
23) Nitrobenzene-d5	7.475	82	967782	77.244	ng		0.00
42) 2,4,6-Tribromophenol	10.745	330	503594	146.428	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	1680858	67.996	ng		0.00
79) Terphenyl-d14	13.027	244	2115605	70.628	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	205268	39.421	ng	#	100
3) Pyridine	3.504	79	490085	35.653	ng	#	93
4) n-Nitrosodimethylamine	3.457	42	289253	42.051	ng	#	33
6) Aniline	6.575	93	633319	39.505	ng	#	95
8) 2-Chlorophenol	6.698	128	501697	46.605	ng		84
9) Benzaldehyde	6.463	77	353014	36.857	ng		94
10) Phenol	6.557	94	668873	46.800	ng		94
11) bis(2-Chloroethyl)ether	6.645	93	522715	46.438	ng		86
12) 1,3-Dichlorobenzene	6.851	146	547578	43.896	ng		98
13) 1,4-Dichlorobenzene	6.928	146	546208	43.944	ng		97
14) 1,2-Dichlorobenzene	7.080	146	527924	45.145	ng		98
15) Benzyl Alcohol	7.051	79	481001	45.775	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.180	45	960562	42.552	ng		95
17) 2-Methylphenol	7.163	107	429406	47.485	ng		95
18) Hexachloroethane	7.422	117	197909	45.470	ng	#	86
19) n-Nitroso-di-n-propyla...	7.322	70	365168	44.484	ng	#	77
20) 3+4-Methylphenols	7.316	107	487001	42.903	ng	#	75
22) Acetophenone	7.322	105	683623	42.113	ng	#	90
24) Nitrobenzene	7.492	77	588811	43.130	ng	#	86
25) Isophorone	7.733	82	1045802	43.269	ng	#	90
26) 2-Nitrophenol	7.810	139	270832	49.682	ng	#	81
27) 2,4-Dimethylphenol	7.845	122	448195	46.964	ng		89
28) bis(2-Chloroethoxy)met...	7.939	93	637292	47.621	ng	#	97
29) 2,4-Dichlorophenol	8.051	162	433654	44.557	ng		95
30) 1,2,4-Trichlorobenzene	8.133	180	458561	43.207	ng		94
31) Naphthalene	8.216	128	1355505	41.962	ng		99
32) Benzoic acid	7.969	122	241135	37.228	ng		85
33) 4-Chloroaniline	8.263	127	212916	16.719	ng	#	92
34) Hexachlorobutadiene	8.327	225	287161	42.434	ng		99
35) Caprolactam	8.639	113	154483m	61.281	ng		
36) 4-Chloro-3-methylphenol	8.751	107	492888	49.607	ng		91
37) 2-Methylnaphthalene	8.910	142	954603	44.720	ng		97
38) 1-Methylnaphthalene	9.010	142	865065	43.397	ng		98
40) 1,2,4,5-Tetrachloroben...	9.074	216	468376	41.610	ng		98
41) Hexachlorocyclopentadiene	9.057	237	571316	96.605	ng		98
43) 2,4,6-Trichlorophenol	9.186	196	339634	42.851	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
Data File : BF125325.D
Acq On : 2 Sep 2021 17:32
Operator : JU/CG
Sample : M3637-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
117-P1MSD

Manual Integrations APPROVED
mohammad
9/3/2021 3:30:38 PM

Quant Time: Sep 02 18:11:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.227	196	370524	44.435	ng		95
46) 1,1'-Biphenyl	9.374	154	1109634	39.949	ng		99
47) 2-Chloronaphthalene	9.398	162	930748	41.234	ng		98
48) 2-Nitroaniline	9.498	65	357271	51.061	ng		88
49) Acenaphthylene	9.816	152	1421790	43.226	ng		98
50) Dimethylphthalate	9.674	163	1127812	47.237	ng	#	98
51) 2,6-Dinitrotoluene	9.739	165	252077	48.691	ng		93
52) Acenaphthene	9.986	154	836374	41.018	ng		98
53) 3-Nitroaniline	9.904	138	179807	32.206	ng	#	73
54) 2,4-Dinitrophenol	10.016	184	259190	126.745	ng	#	84
55) Dibenzofuran	10.157	168	1226363	41.791	ng		99
56) 4-Nitrophenol	10.074	139	430652	97.406	ng	#	75
57) 2,4-Dinitrotoluene	10.145	165	341493	54.501	ng	#	96
58) Fluorene	10.504	166	989454	45.607	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.274	232	301289	48.688	ng	#	83
60) Diethylphthalate	10.374	149	1102865	47.382	ng		97
61) 4-Chlorophenyl-phenyle...	10.492	204	503602	45.910	ng	#	85
62) 4-Nitroaniline	10.527	138	284075	56.583	ng	#	81
63) Azobenzene	10.651	77	1149731	44.038	ng		91
65) 4,6-Dinitro-2-methylph...	10.551	198	181421	51.874	ng		94
66) n-Nitrosodiphenylamine	10.610	169	971733	41.070	ng		96
67) 4-Bromophenyl-phenylether	10.980	248	354472	44.672	ng		95
68) Hexachlorobenzene	11.051	284	379563	46.498	ng	#	83
69) Atrazine	11.139	200	340142	50.098	ng		90
70) Pentachlorophenol	11.245	266	402672	84.483	ng		92
71) Phenanthrene	11.468	178	1539935	42.294	ng		96
72) Anthracene	11.521	178	1580735	44.047	ng		98
73) Carbazole	11.674	167	1434328	43.736	ng		99
74) Di-n-butylphthalate	11.998	149	1761888	45.273	ng		100
75) Fluoranthene	12.657	202	1696773	46.966	ng		97
77) Benzidine	12.780	184	952944	57.179	ng		98
78) Pyrene	12.886	202	1738191	42.463	ng		95
80) Butylbenzylphthalate	13.498	149	735192	45.708	ng		88
81) Benzo(a)anthracene	14.074	228	1488867	43.303	ng		98
82) 3,3'-Dichlorobenzidine	14.033	252	237765	22.309	ng		100
83) Chrysene	14.115	228	1441767	42.401	ng		98
84) Bis(2-ethylhexyl)phtha...	14.057	149	981828	44.413	ng	#	99
85) Di-n-octyl phthalate	14.668	149	1505406	40.943	ng		97
87) Indeno(1,2,3-cd)pyrene	17.109	276	1245691	47.099	ng	#	90
88) Benzo(b)fluoranthene	15.145	252	1181439	44.048	ng	#	95
89) Benzo(k)fluoranthene	15.174	252	1177171	47.033	ng		99
90) Benzo(a)pyrene	15.527	252	1125653	47.511	ng	#	95
91) Dibenzo(a,h)anthracene	17.127	278	1031675	45.126	ng	#	95
92) Benzo(g,h,i)perylene	17.574	276	1081786	49.074	ng	#	89

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
Data File : BF125325.D
Acq On : 2 Sep 2021 17:32
Operator : JU/CG
Sample : M3637-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 02 18:11:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
117-P1MSD

Manual Integrations APPROVED
mohammad
9/3/2021 3:30:38 PM